

Collected by

MODEL XP-100

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DATE 10-02-85

[illegible]

P #	GALLERY TARGETS		DATA	
	SHOTS	VERT	HORIZ.	SCORE
1	7	5.20	2.90	5.40
2	6	3.60	1.35	3.80
3	5	1.65	2.15	2.70
4	4	1.50	0.40	1.50
5	4	1.20	1.80	1.85
6	4	8.70	0.70	8.80
7	5	3.10	1.05	3.35
8	6	3.90	0.80	3.90
9	3	0.70	0.35	0.80
10	5	1.15	1.10	4.60
11	4	0.25	0.35	0.35
12	4	0.20	0.55	0.60
13	4	1.40	0.80	1.60
14	7 ^{1.8}	5.30	4.10	5.90
15	5	4.10	2.85	4.6
16	4	1.65	0.50	1.7
17	4	1.05	0.95	1.1
18	6	3.10	1.60	3.4
19	7	5.40	1.20	5.5
20	5 ^{1.9}	6.25	2.50	6.8
21	6	3.25	5.35	5.1
22	6	2.35	4.95	5.1
23	7	7.50	2.45	7.1
24	6	6.60	1.95	6.1
25	7	3.65	0.80	3.1
26	3	0.80	1.00	1.1
27	6	4.30	1.60	4.1
28	4 ^{1.11}	5.40	2.30	5.1

GALLERY TARGET DATA

	SHOTS	UNIT	HOLE	SPREAD
30	6	2.75	3.75	4.15
31	5	4.10	1.70	4.30
32	5	5.30	1.80	5.45
33	5	1.85	1.65	2.45
34	7	2.60	1.20	2.8.
	4 176205	1.85	2.05	2.12
	<u>AVER</u>	<u>3.29</u>	<u>1.76</u>	<u>3.75</u>

(140)

TARGET ROLL ROLL
WITH "SCALE 10/3/85
A A HUGGIE,

11.7 57.95 127.56

NOTE:

ALL BULLET HOLES WERE ROUND-CLEAR
HOLE WITH NO KEY HOLE INDICATIONS
WHAT SO EVER,

12 INCH TWIST

14 INCH TWIST

XP100 223 REM PISTOLS

RESEARCH FIRING (TCD) - PLHP AMMO - 500PF

5 SHOT GROUPS - 10/8/85 - ILLION RESERVEN 100 RANGE

PROPOSED SPECS.

3.0

2.5

2.0

1.5

1.0

.5

5 SHOT GROUP SIZE - INCHES - CENTER - TO CENTER

15

7 14

15

8

20

2

16 19

$\bar{x} = 1.72$

$\sigma = 0.55$

$\bar{x} + 3\sigma = 3.37$

17

9

5 6

12

10

4

3

11

18

$\bar{x} = 1.58$

$\sigma = 0.34$

$\bar{x} + 3\sigma = 2.68$

12 INCH TWIST

XP-100 223 REM DISCOOLS

RESEARCH FIRING (TED) PLHP AMMO - SCOPE

BEST 4 SHOTS IN 5 NOT GROUP DATA

10/9/85 ILLION RESEARCH 100 YD RANGE

22

20

19

18

17

16

15

14

13

12

11

10

BEST 4 SHOTS

GROUP SIZE

INCHES

$\bar{x} = 1.14$

$\sigma = 1.47$

$\bar{x} + 3\sigma = 2.55$

9 12

3 4 5 11 18

6

10

$\bar{x} = 1.98$

$\sigma = 1.30$

$\bar{x} + 3\sigma = 1.88$

17

14 INCH TWIST

10/9/85

12 INCH TWIST

XP100 223 REM

RESEARCH FIDING(TCD) - PLHP AMMO - SCORE
BEST 35 HOPS IN 55 HOP GROUP DATA.

1977/85 ILLION RESEARCH BOYD AMMO

2.4

2.2

2.0

1.8

1.6

1.4

1.2

1.0

.8

.6

.4

.2

DEPT UNIFORMS - GROUP 5/8 - CENTER - TO - CENTER

7

8 14

13 20

16

1

2 15 19

$$\bar{X} = .67$$

$$V = .24$$

$$\bar{X} + 3V = 1.48$$

14 INCH TWIST

PISTOLS

PLHP AMMO - SCORE
GROUP DATA.

1977/85 ILLION RESEARCH BOYD AMMO

12

4

6 19

3 9 10 18

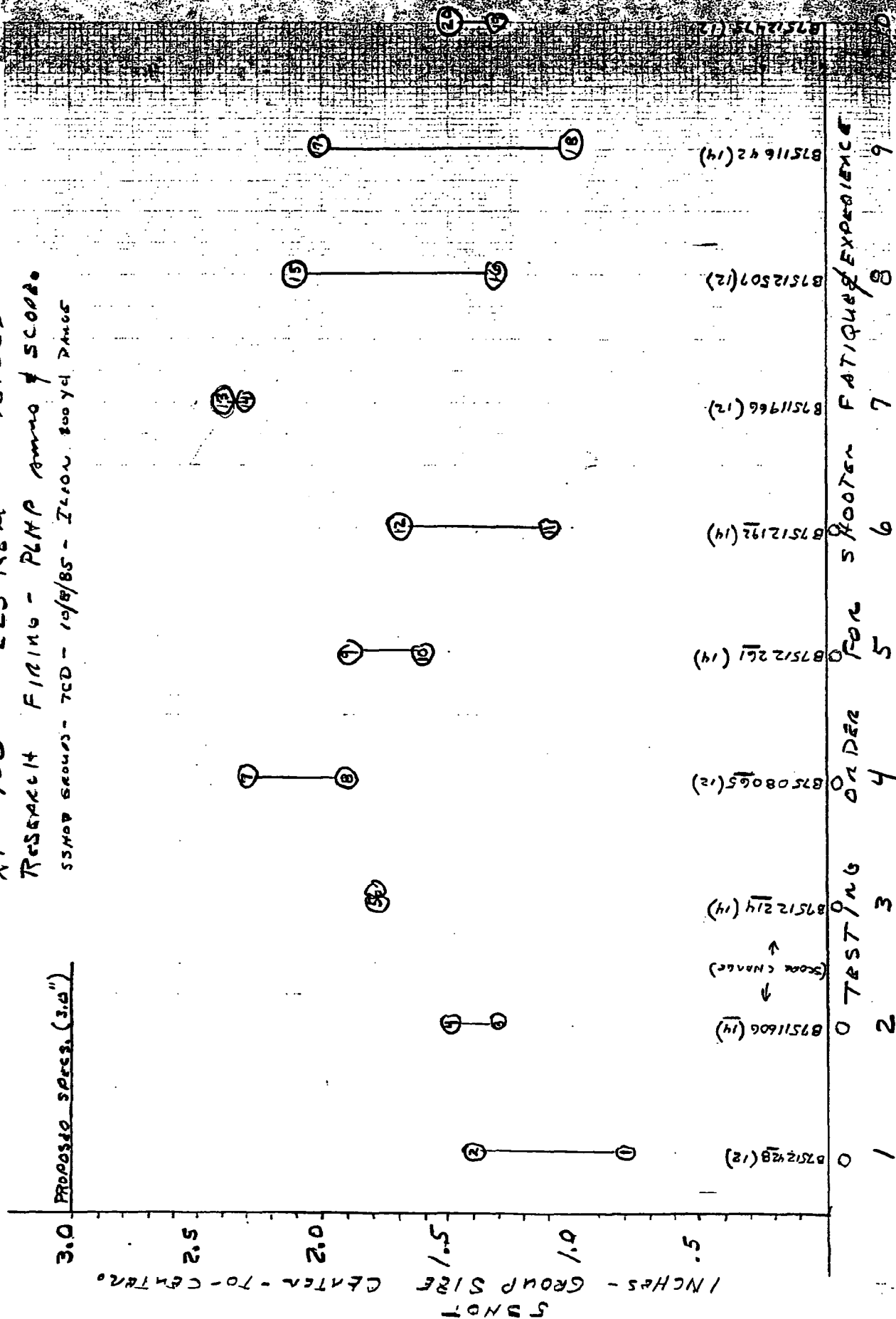
5 11

$$\bar{X} = .64$$

$$V = .53$$

$$\bar{X} + 3V = 1.63$$

XP-100 223 REM. DISCOS
 RESERACT FIRING - PLMP ammo & SCOPE
 SHARP GROUPS - 700 - 10/8/85 - ILLION 200 YD RANGE



RESEARCH TARGETS DATA

GUN (14" TWIST)	53 HGT 6P.	6240 BEST 45 HGT	BEST 23 HGT
008 - 3	1.318	.90	.60
- 4	1.512	.90	.75
214 - 5	1.792	.90	.50
- 6	1.829	.80	.70
261 - 9	1.889	1.05	.55
- 10	1.628	.60	.60
192 - 11	1.093	.85	.45
- 12	1.695	1.10	.90
642 - 17	2.024	1.75	.70
- 18	1.014	.90	.60
Avg	$\bar{x} = 1.58$	$= 0.98$	$= 0.64$
	$\sigma = 0.34$	$= 0.30$	$= 0.13$
	$\bar{x} + 3\sigma = 2.68$	$= 1.88$	$= 1.03$
28 - 1 (12" TWIST)	.798	.70	.45
- 2	1.397	.90	.40
065 - 7	2.322	1.45	1.20
- 8	1.915	1.65	0.90
966 - 13	2.428	2.10	.70
- 14	2.251	1.30	.90
507 - 15	2.105	1.00	.40
- 16	1.251	.85	.60
475 - 19	1.314	.65	.40
- 20	1.468	.80	.70
	$\bar{x} = 1.72$	$= 1.14$	$= .67$
	$\sigma = 0.55$	$= 0.47$	$= .27$
	$\bar{x} + 3\sigma = 3.37$	$= 2.55$	$= 1.48$

10/9/85 A.

RESEARCH TARGETS DATA

		5	4	3
428	(12)	.798	.70	.45
		1.397	.90	.40
606	(14)	1.318	.90	.60
		1.512	.90	.75
214	(14)	1.792	.80	.55
		1.829	1.05	.60
065	(12)	2.322	1.45	.90
		1.915	1.65	.70
261	(14)	1.889	.60	.60
		1.628	.85	.45
192	(14)	1.093	1.10	.70
		1.695	1.75	.60

425 (12)

507 (12)

642 (14)

966 (18) WORST