

G686 3564

replaces

G669 5421

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00172761

Serial: G6695421 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 8/10/2009 8:06:23 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPPD FOR ARKANSAS BLDG 0319

USPPD FOR ARKANSAS BLDG 0319

Address 2: CAMP ROBINSON

PO Box:

CAMP ROBINSON

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

8/17/2009

12:47 PM

CAPS

NUM

INS

SCRL

start

4 Micros...

Amazon C...

3 Micros...

Arms Serv...

Part Search...

NEW GUN ...

Adobe Ab...

12:47 PM

G6863564

~~Serial Number: G6695421~~

Model: M24 SWS



RE00172761

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>172261</u>		G 6863564	
SERIAL NUMBER <u>G6695421</u>			
LOG-IN DATE <u>870-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-1-09	RTZ
505	RE-BARREL	9-4-09	RTZ
420	ASSEMBLE	9-4-09	RTZ
440	PROOF	9-4-09	SPD
460	CHECK HEADSPACE	9-4-09	SPD
470	DIS-ASSEMBLE GUN	9-4-09	SPD
480	MAGNAFLUX	9-10-09	SP
510	DRILL AND TAP	9-2-09	SP
500	ROLLMARK CALIBER	9-10-09	SP
520	GOFF BLAST BBL / REC	9-10-09	SP
530 & 540	APPLY COATINGS	9-1-09	SP
560	FINAL ASSEMBLY	9-21-09	RTZ
640	FUNCTION TEST AND	9-22-09	RP
650	TARGET	9-22-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-22-09	SPD
	A) HEADSPACE	9-24-09	TL
	B) TRIGGER PULL	9-24-09	TL
		2.26 2.19 2.25 2.22 2.27	
680	F) SAFETY ON FORCE	5.0 5.0 5.0	9-24-09 TL
	G) SAFETY OFF FORCE	3.0 3.0 3.0	9-24-09 TL
	I) FIRING PIN INDENT	.021 .021 .020	9-24-09 TL
690	PACK	9-24-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863564.___0
FILE DATE AND TIME: 09/23/2009 08:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	-0.032
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.753
The Distance from POA to Centroid Target #1:	0.213
The Distance from Centroid Target #2 to Centroid Target #1:	0.165
The Distance from Centroid Target #3 to Centroid Target #1:	0.245
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.175

SERIAL NUMBER: G6863564. __0

TARGET NUMBER: 1

FILE DATE: 09/23/2009

FILE TIME: 08:03

POINT#	X	Y
1:	1.542	-1.103
2:	-0.031	-0.975
3:	0.760	-0.297
4:	0.885	0.064
5:	0.148	-0.340
6:	-0.004	-0.188
7:	-0.526	-0.419
8:	-0.657	0.708
9:	-0.427	0.580
10:	-0.171	0.479

X CENTROID: 0.152

Y CENTROID: -0.149

POA TO CENTROID: 0.213

HORZ SPREAD: 2.199

VERT SPREAD: 1.811

GROUP SPREAD: 2.849

MIN RADIUS: 0.161

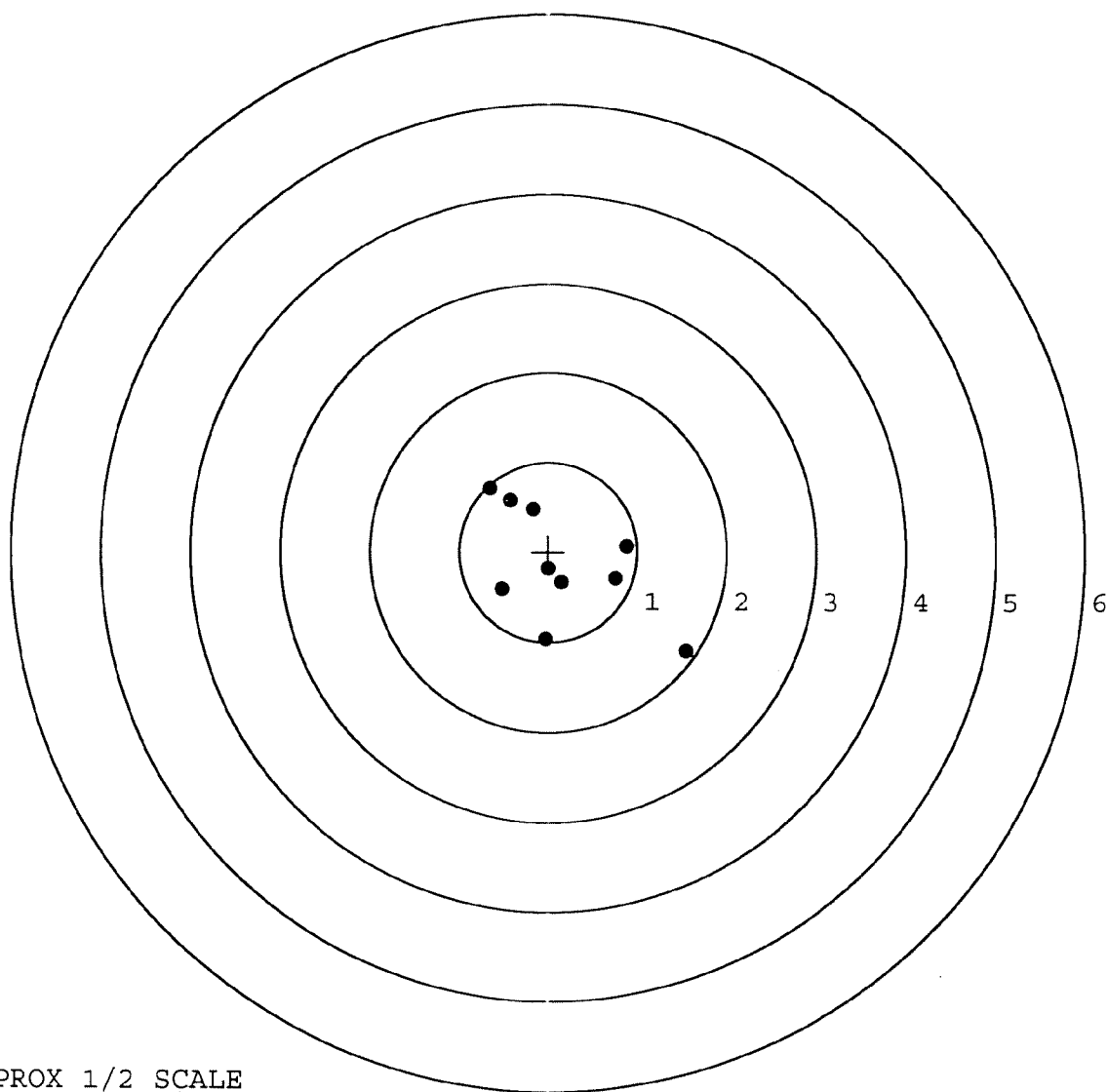
MAX RADIUS: 1.686

MEAN RADIUS: 0.782

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863564. __0

TARGET NUMBER: 2

FILE DATE: 09/23/2009

FILE TIME: 08:03

POINT#	X	Y
--------	---	---

1:	0.197	-0.806
----	-------	--------

2:	0.319	-0.357
----	-------	--------

3:	1.023	-0.119
----	-------	--------

4:	-0.869	0.346
----	--------	-------

5:	-0.399	0.499
----	--------	-------

6:	-0.583	0.507
----	--------	-------

7:	0.321	0.186
----	-------	-------

8:	0.323	-0.397
----	-------	--------

9:	-0.030	-0.196
----	--------	--------

10:	0.045	0.007
-----	-------	-------

X CENTROID: 0.035

Y CENTROID: -0.033

POA TO CENTROID: 0.048

HORZ SPREAD: 1.892

VERT SPREAD: 1.313

GROUP SPREAD: 1.948

MIN RADIUS: 0.041

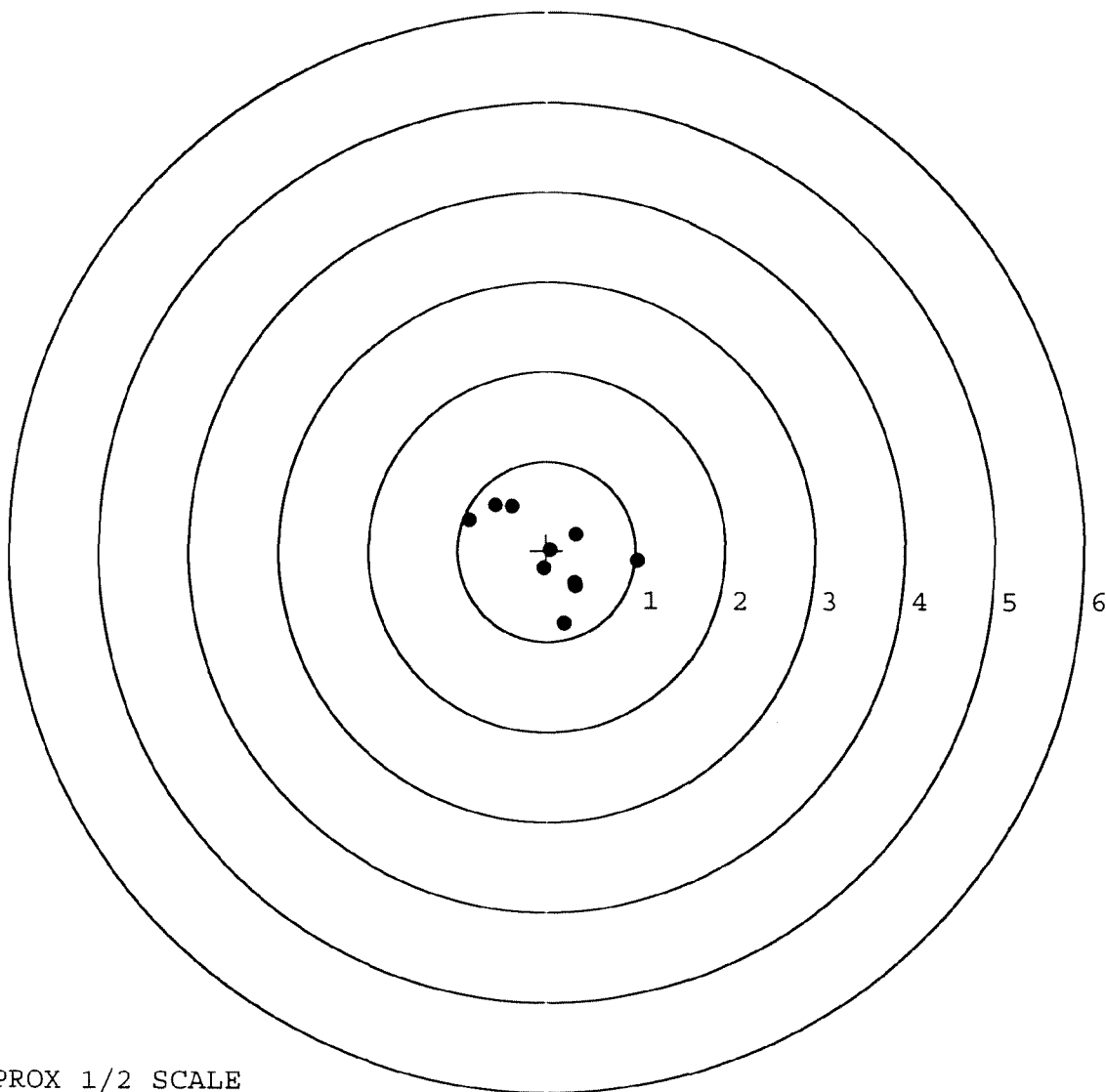
MAX RADIUS: 0.992

MEAN RADIUS: 0.574

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

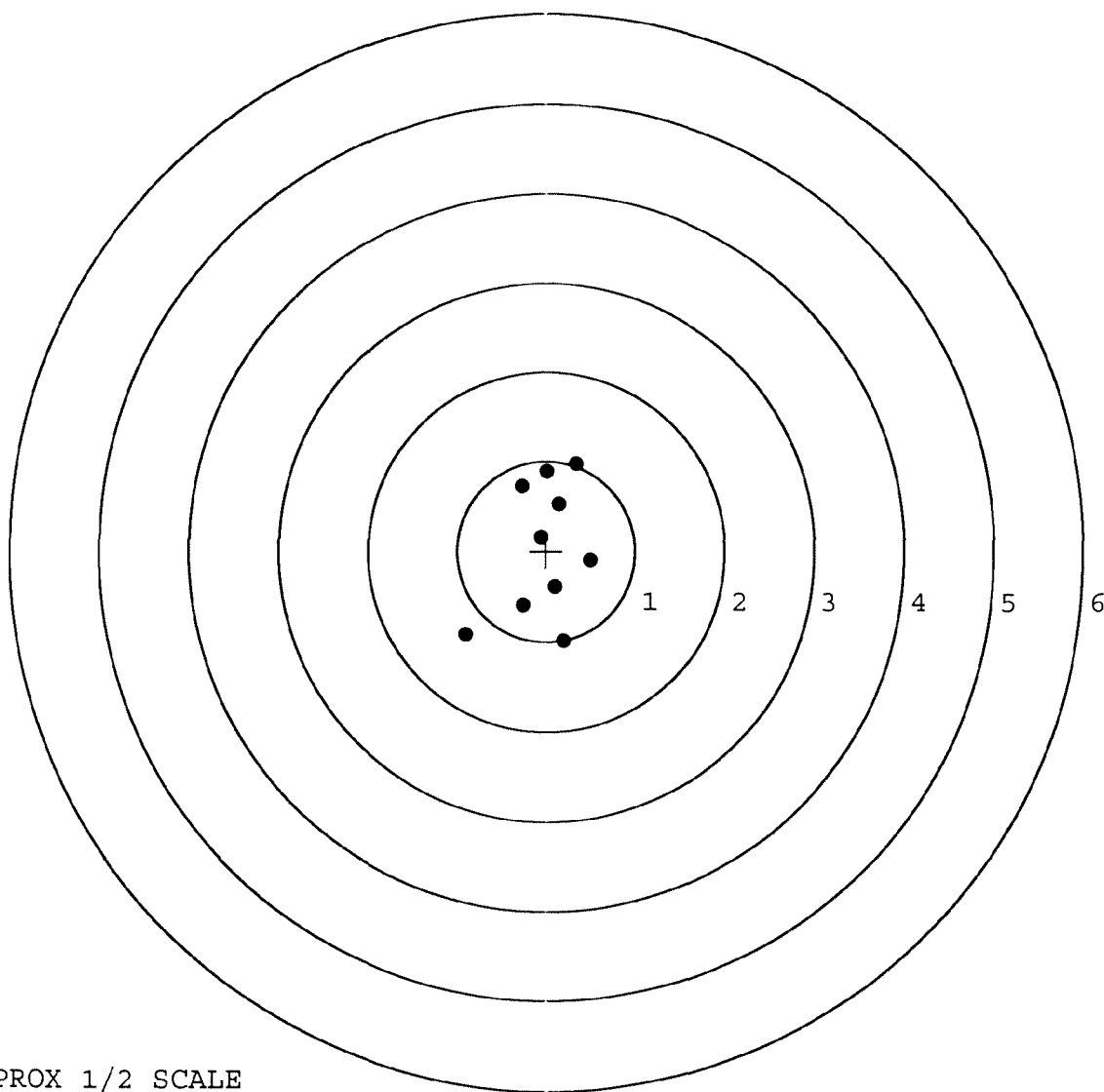


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863564. __0
TARGET NUMBER: 3
FILE DATE: 09/23/2009
FILE TIME: 08:03

POINT#	X	Y
1:	-0.912	-0.926
2:	0.199	-0.995
3:	-0.260	-0.599
4:	0.102	-0.398
5:	0.498	-0.104
6:	-0.054	0.159
7:	0.144	0.523
8:	0.341	0.969
9:	0.007	0.885
10:	-0.277	0.725

X CENTROID: -0.021
Y CENTROID: 0.024
POA TO CENTROID: 0.032
HORZ SPREAD: 1.410
VERT SPREAD: 1.964
GROUP SPREAD: 2.272
MIN RADIUS: 0.139
MAX RADIUS: 1.302
MEAN RADIUS: 0.727
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

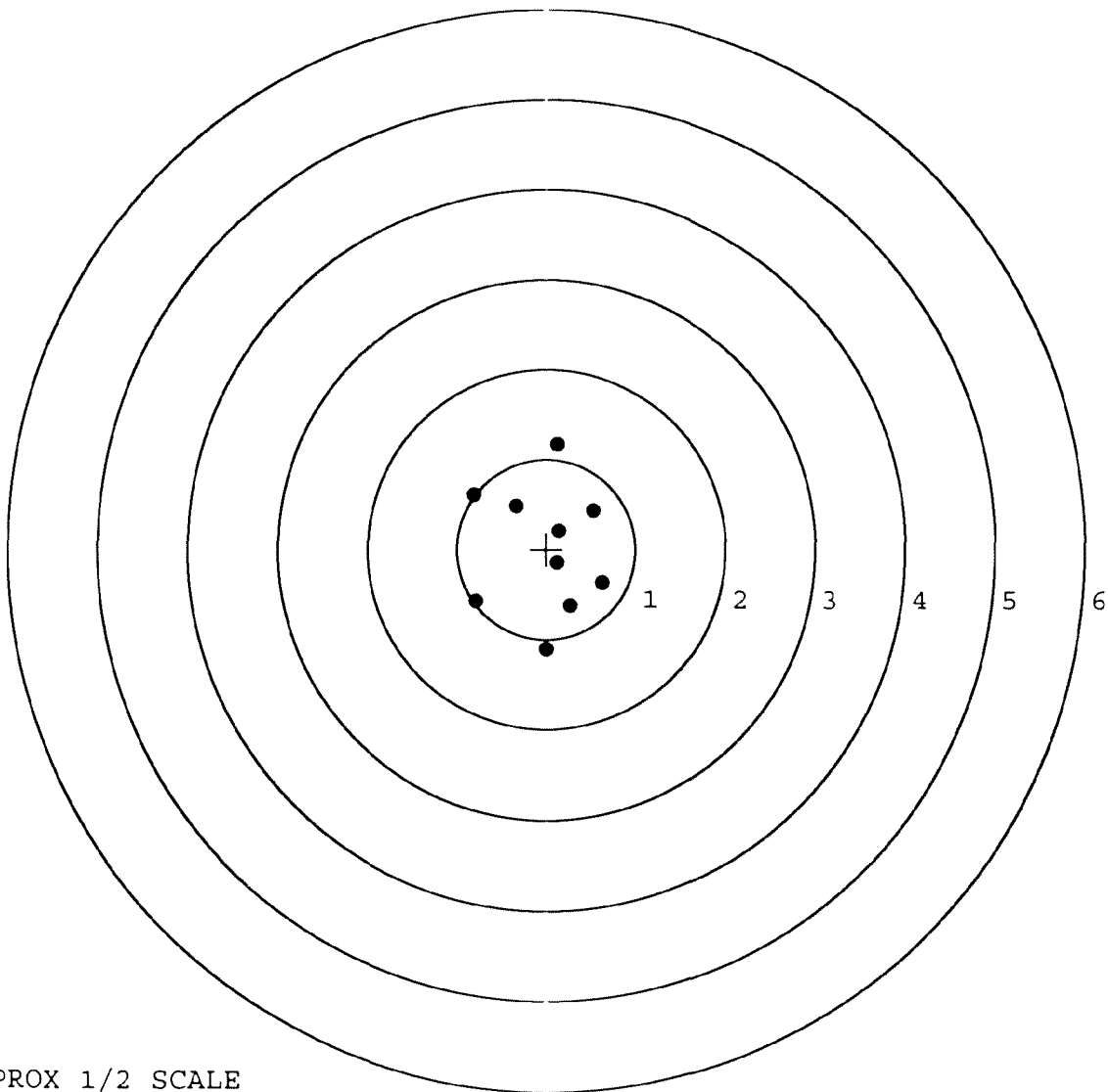


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863564. __0
TARGET NUMBER: 4
FILE DATE: 09/23/2009
FILE TIME: 08:03

POINT#	X	Y
1:	0.122	1.162
2:	-0.811	0.610
3:	-0.346	0.480
4:	0.521	0.433
5:	0.140	0.203
6:	0.633	-0.375
7:	0.125	-0.149
8:	0.268	-0.627
9:	0.001	-1.117
10:	-0.792	-0.578

X CENTROID: -0.014
Y CENTROID: 0.004
POA TO CENTROID: 0.015
HORZ SPREAD: 1.444
VERT SPREAD: 2.279
GROUP SPREAD: 2.282
MIN RADIUS: 0.207
MAX RADIUS: 1.166
MEAN RADIUS: 0.743
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

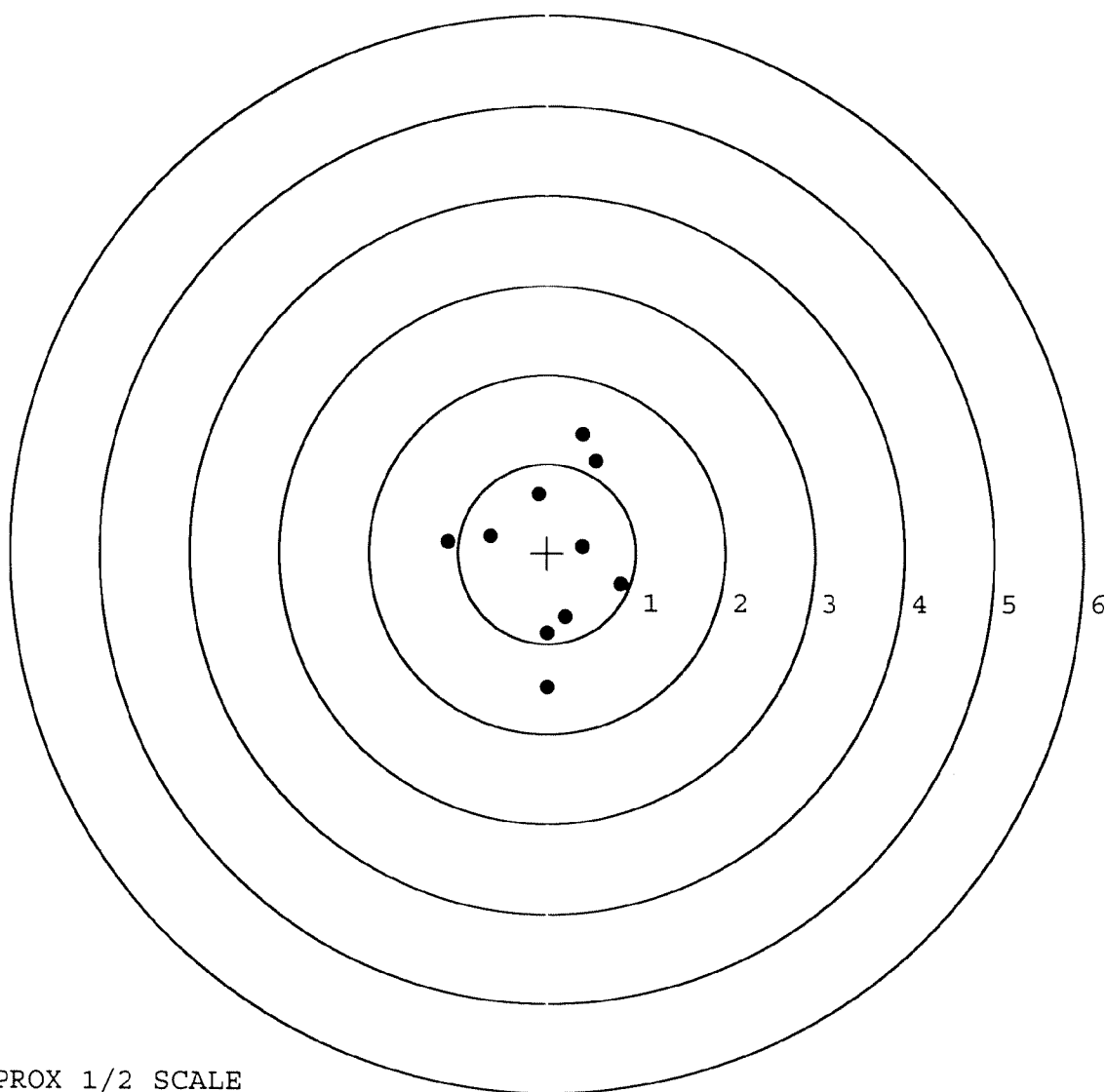


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863564. __0
TARGET NUMBER: 5
FILE DATE: 09/23/2009
FILE TIME: 08:03

POINT#	X	Y
1:	0.401	1.328
2:	0.552	1.033
3:	-0.099	0.655
4:	-0.639	0.192
5:	-1.108	0.121
6:	0.394	0.067
7:	0.827	-0.353
8:	0.200	-0.707
9:	0.000	-0.893
10:	0.003	-1.487

X CENTROID: 0.053
Y CENTROID: -0.004
POA TO CENTROID: 0.053
HORZ SPREAD: 1.935
VERT SPREAD: 2.815
GROUP SPREAD: 2.843
MIN RADIUS: 0.348
MAX RADIUS: 1.483
MEAN RADIUS: 0.938
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00158401

Serial: G6534973 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 1/9/2009 10:58:37 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: USPFO FOR ARKANSAS BLDG 318

USPFO FOR ARKANSAS BLDG 318

Address 2: CAMP ROBINSON BLDG 318

PO Box:

CAMP ROBINSON BLDG 318

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72199

Country: US

State: AR

Zip Code: 72199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

1/9/2009

2:55 PM

CAPS

NUM

INS

SCRL



G6695421 (New)

Serial Number: **G6534973**

Model: M24 SWS



RE00158401

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER 158401
SERIAL NUMBER G6695421
LOG-IN DATE 1-9-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-12-09	RTZ
505	RE-BARREL	1-13-09	RTZ
560	ASSEMBLE	1-13-09	RTZ
600	PROOF	1-14-09	TC
605	CHECK HEADSPACE	1-14-09	FR
610	DIS-ASSEMBLE GUN	1-14-09	RTZ
612	MAGNAFLUX	1-17-09	RB
610	DRILL AND TAP	1-14-09	SP
615	ROLLMARK CALIBER		
618	ROTO-BLAST	1/19/09	RT
620	APPLY COATINGS	1-22	
625	FINAL ASSEMBLY	1-23-09	RTZ
640	FUNCTION TEST AND	1-27-09	TC
650	TARGET	1-27-09	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-27-09	WV
	A) HEADSPACE	PASS FAIL	1-28-09 RTZ
	B) TRIGGER PULL	2.41 2.39 2.35 2.33 2.38	1/27/09 FM
690	F) SAFETY ON FORCE	4.0 4.0 4.0	1-28-09 LHL
	G) SAFETY OFF FORCE	6.0 6.0 6.0	1-28-09 R N.
	I) FIRING PIN INDENT	.021 .021 .021	1-28-09 L N.
690	PACK		1/28/09 FM

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

[illegible]

Replaces edition of 1 Jan 64, which will be used

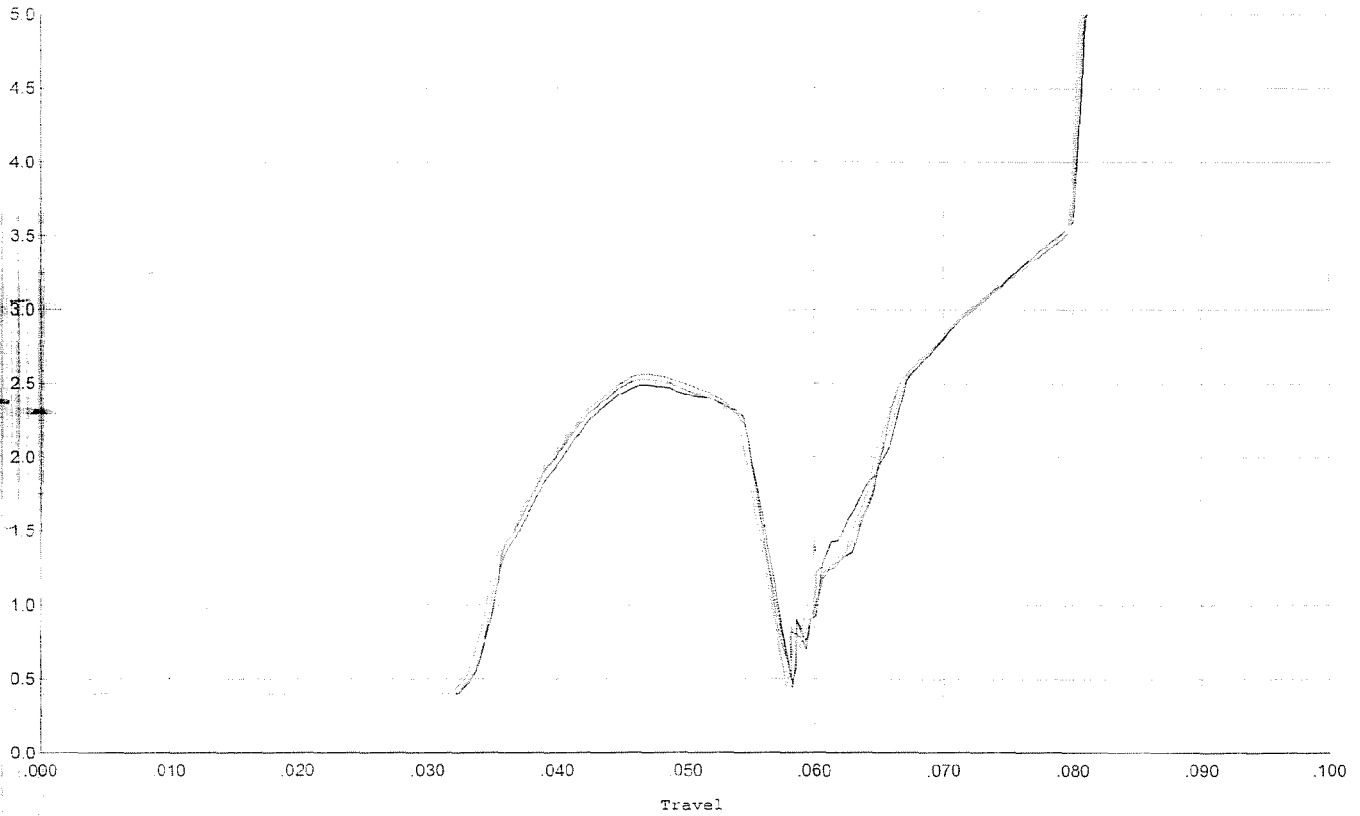
USAPPC V1.10

M2400092948

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



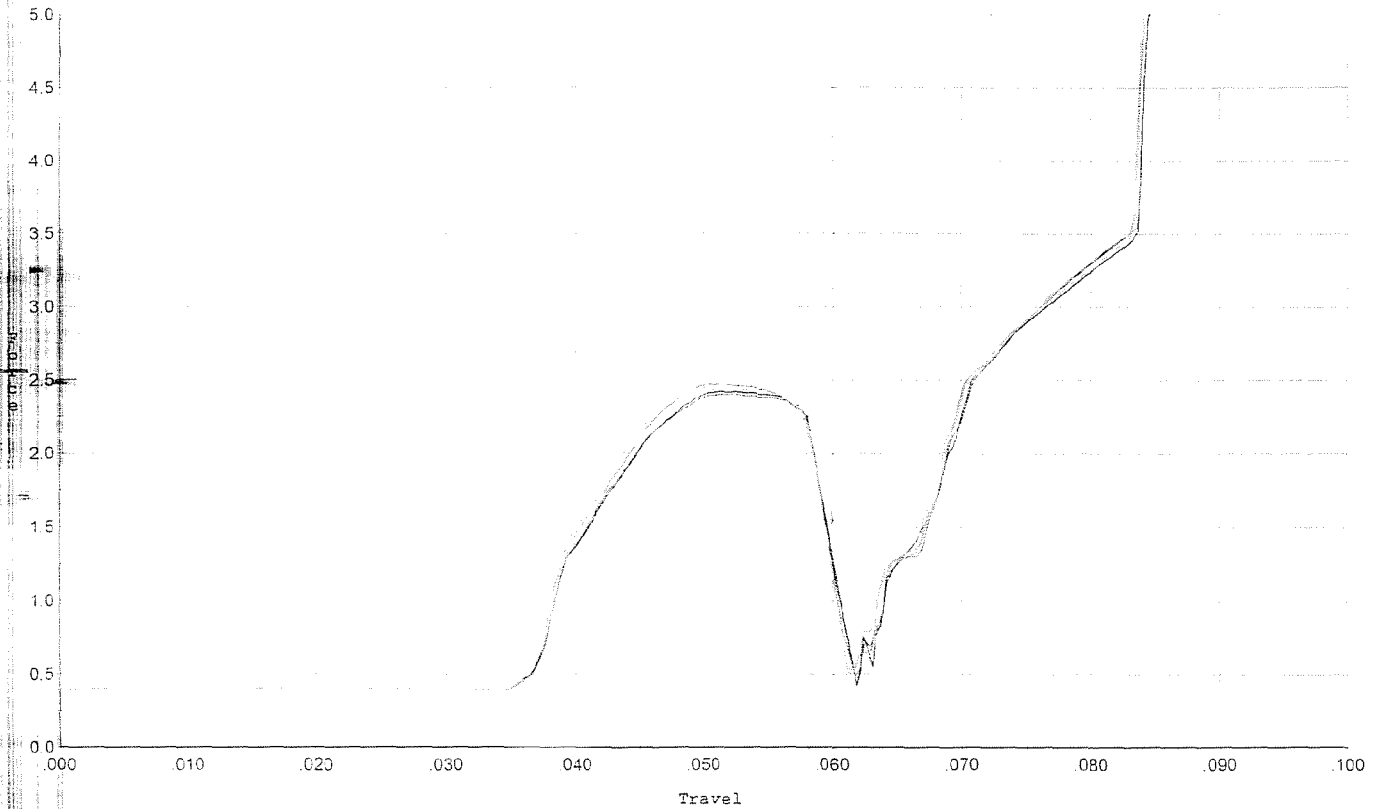
	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.531	0.055	0.034	0.032	0.058		Set Trigger
2	2.490	0.056	0.034	0.032	0.059		Set Trigger
3	2.563	0.055	0.034	0.032	0.059		Set Trigger
4	2.530	0.055	0.034	0.032	0.059		Set Trigger
5	2.534	0.056	0.033	0.032	0.060		Set Trigger

Avg 2.53

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 20 cycles +/- .50 lbs.



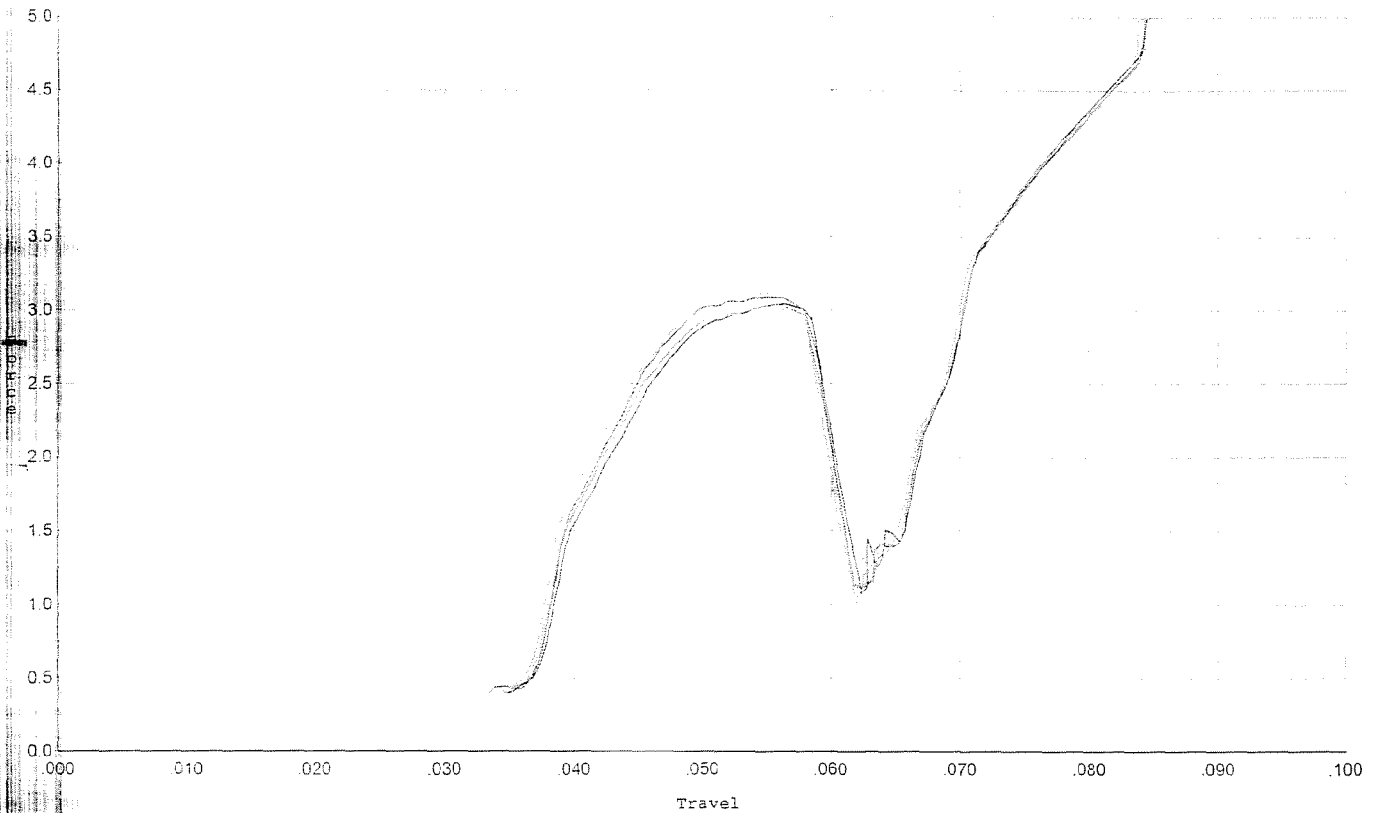
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.405	0.060	0.037	0.032	0.060		Set Trigger
2	2.422	0.058	0.037	0.032	0.058		Set Trigger
3	2.470	0.058	0.037	0.032	0.059		Set Trigger
4	2.480	0.058	0.037	0.032	0.060		Set Trigger
5	2.452	0.058	0.037	0.032	0.059		Set Trigger

Avg 2.44

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



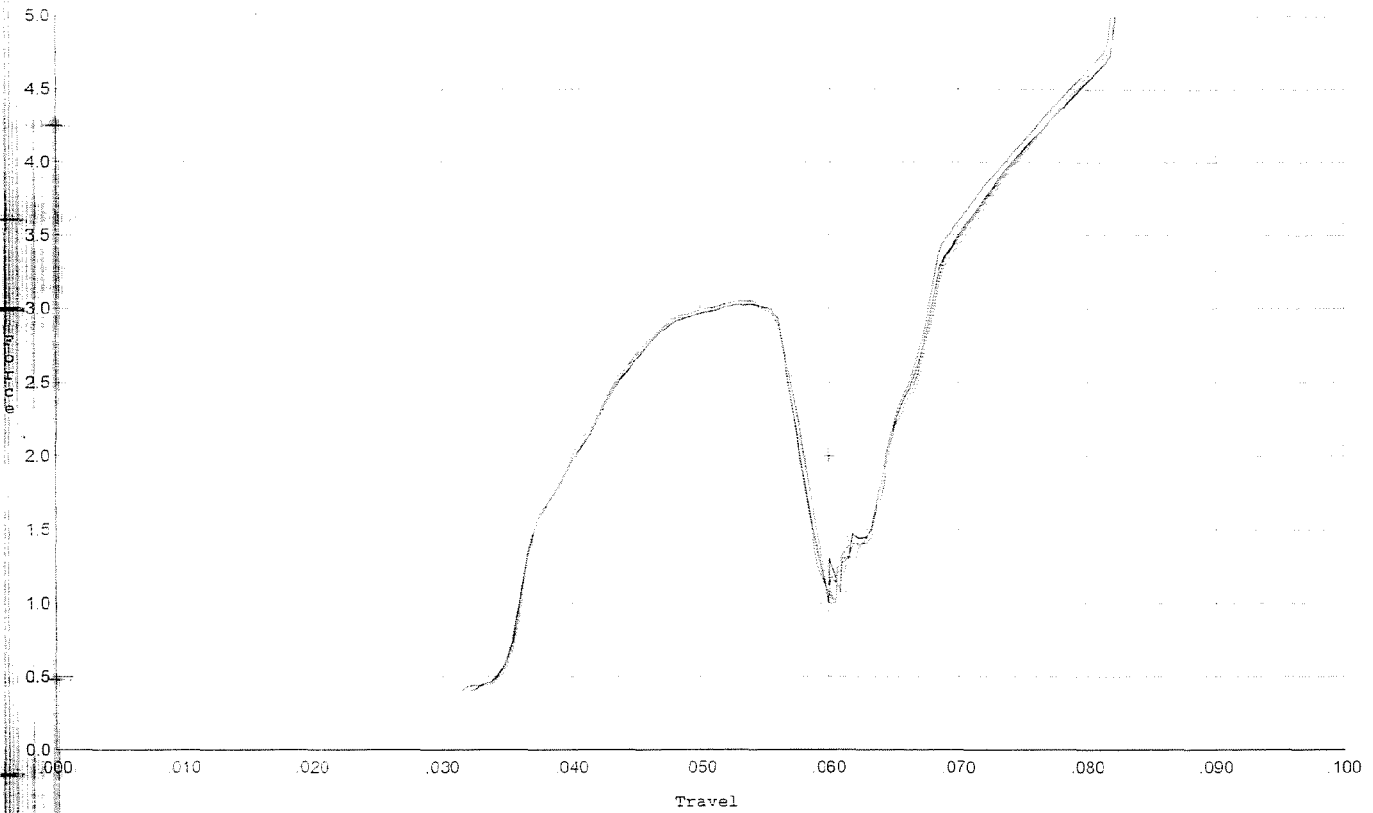
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.087	0.059	0.037	0.030	0.071		Set Trigger
2	3.042	0.059	0.037	0.031	0.069		Set Trigger
3	3.038	0.059	0.037	0.031	0.070		Set Trigger
4	3.023	0.058	0.037	0.031	0.068		Set Trigger
5	3.118	0.058	0.037	0.031	0.071		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 1/19/09

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



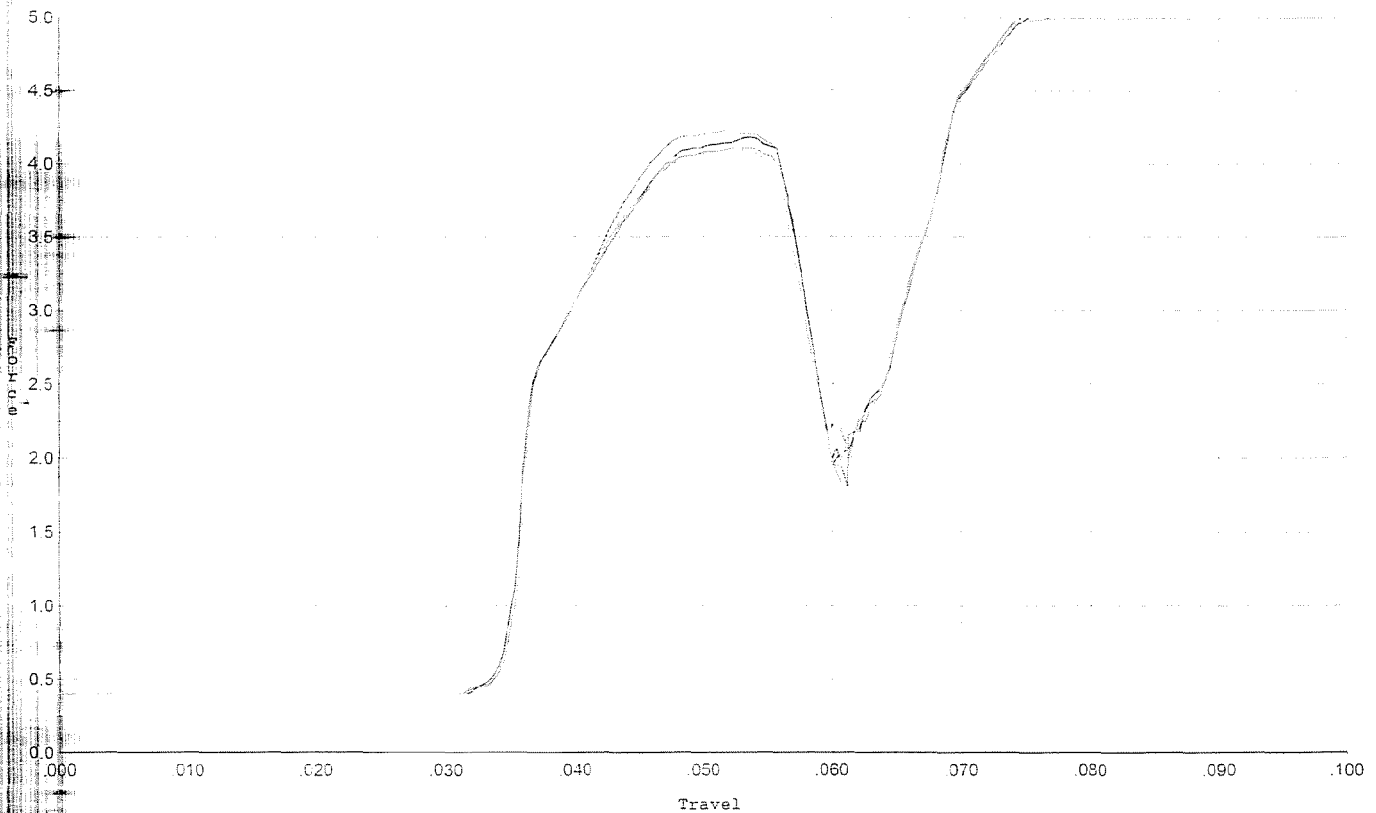
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.053	0.058	0.035	0.030	0.070		Set Trigger
2	3.031	0.056	0.035	0.031	0.067		Set Trigger
3	3.025	0.056	0.035	0.031	0.068		Set Trigger
4	3.061	0.057	0.035	0.030	0.070		Set Trigger
5	3.045	0.057	0.035	0.030	0.069		Set Trigger

Aug 3.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



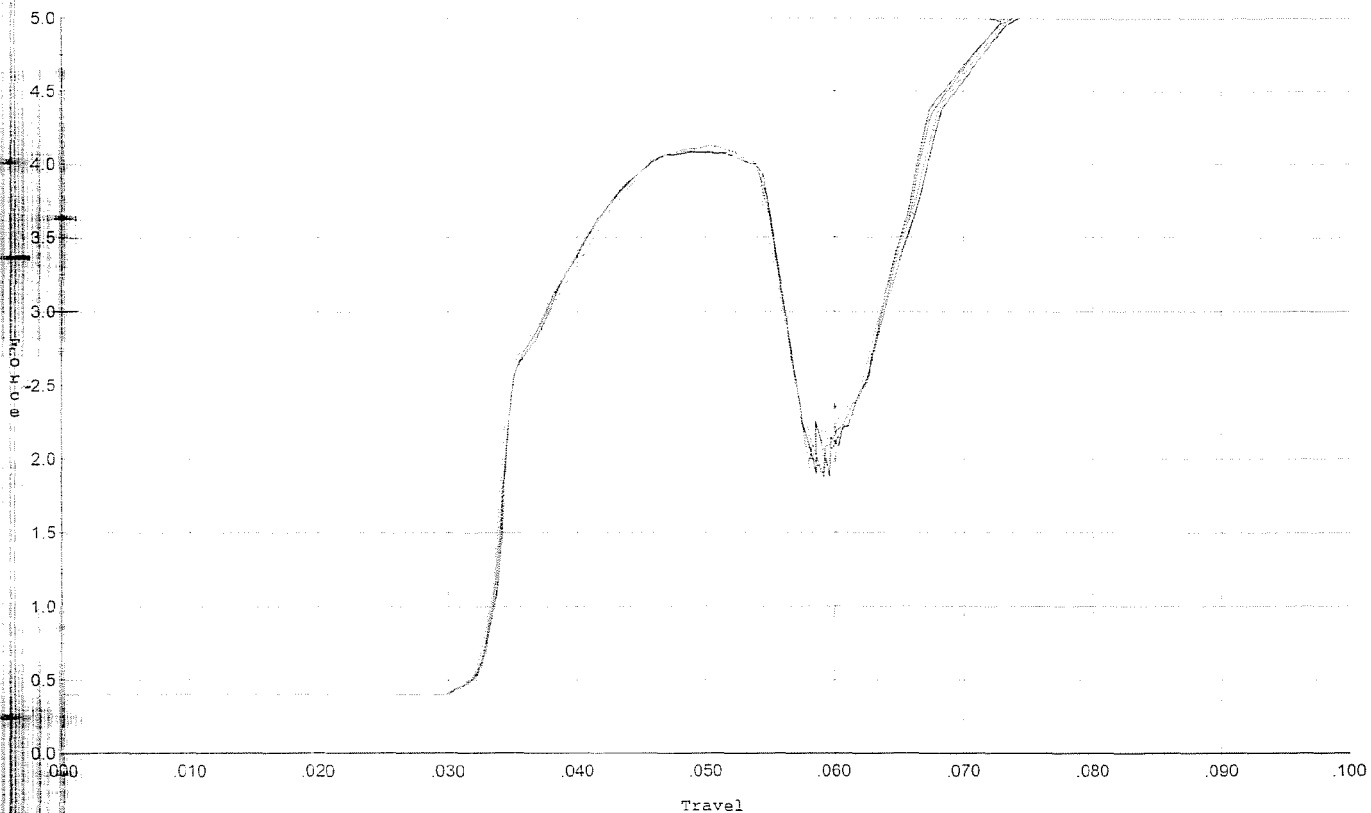
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.227	0.057	0.035	0.029	0.095		Set Trigger
2	4.175	0.057	0.034	0.029	0.094		Set Trigger
3	4.104	0.056	0.034	0.029	0.091		Set Trigger
4	4.092	0.056	0.035	0.029	0.091		Set Trigger
5	4.117	0.056	0.035	0.029	0.091		Set Trigger

Avg 4.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



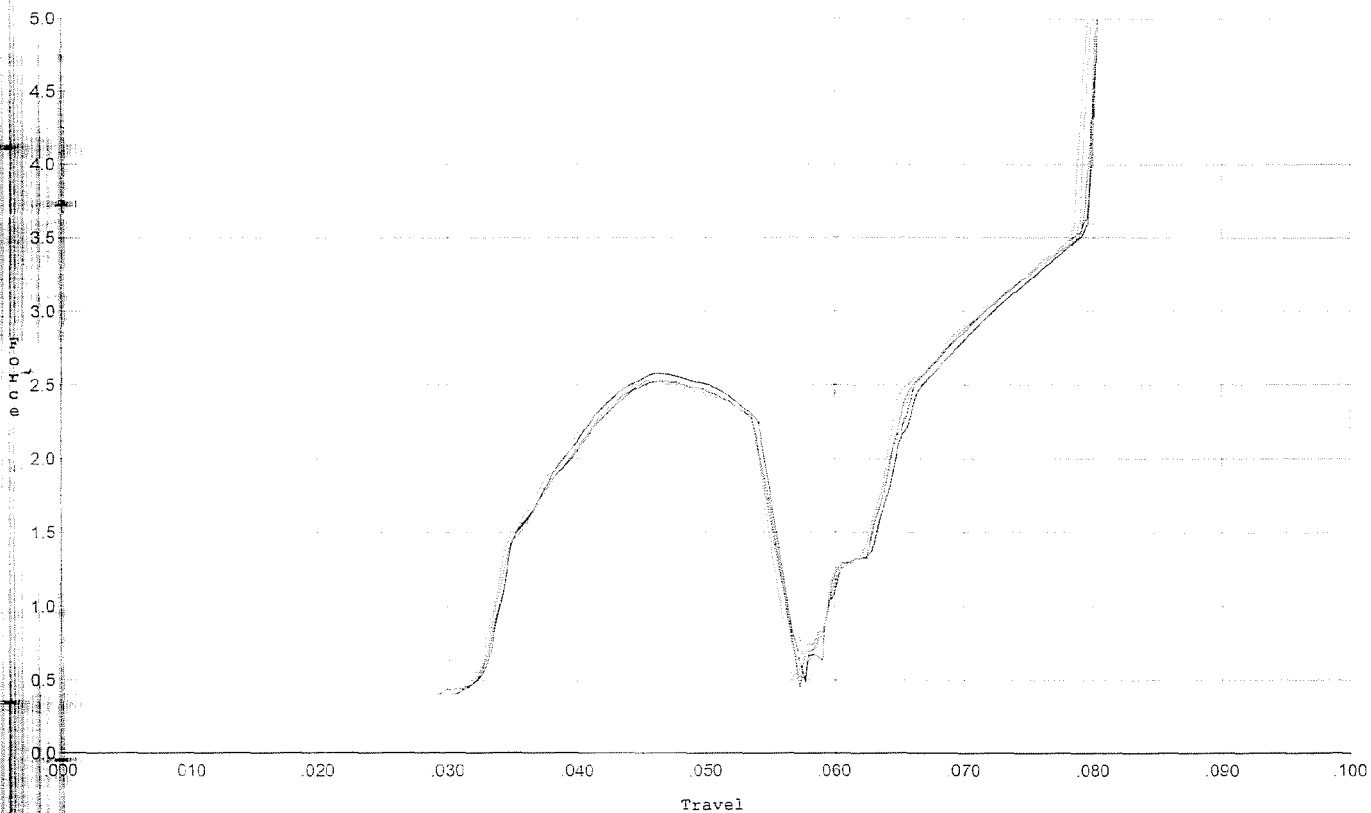
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.087	0.055	0.033	0.029	0.092		Set Trigger
2	4.082	0.055	0.033	0.029	0.091		Set Trigger
3	4.127	0.055	0.033	0.029	0.092		Set Trigger
4	4.096	0.056	0.032	0.029	0.094		Set Trigger
5	4.066	0.054	0.033	0.029	0.090		Set Trigger

Aug 4.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



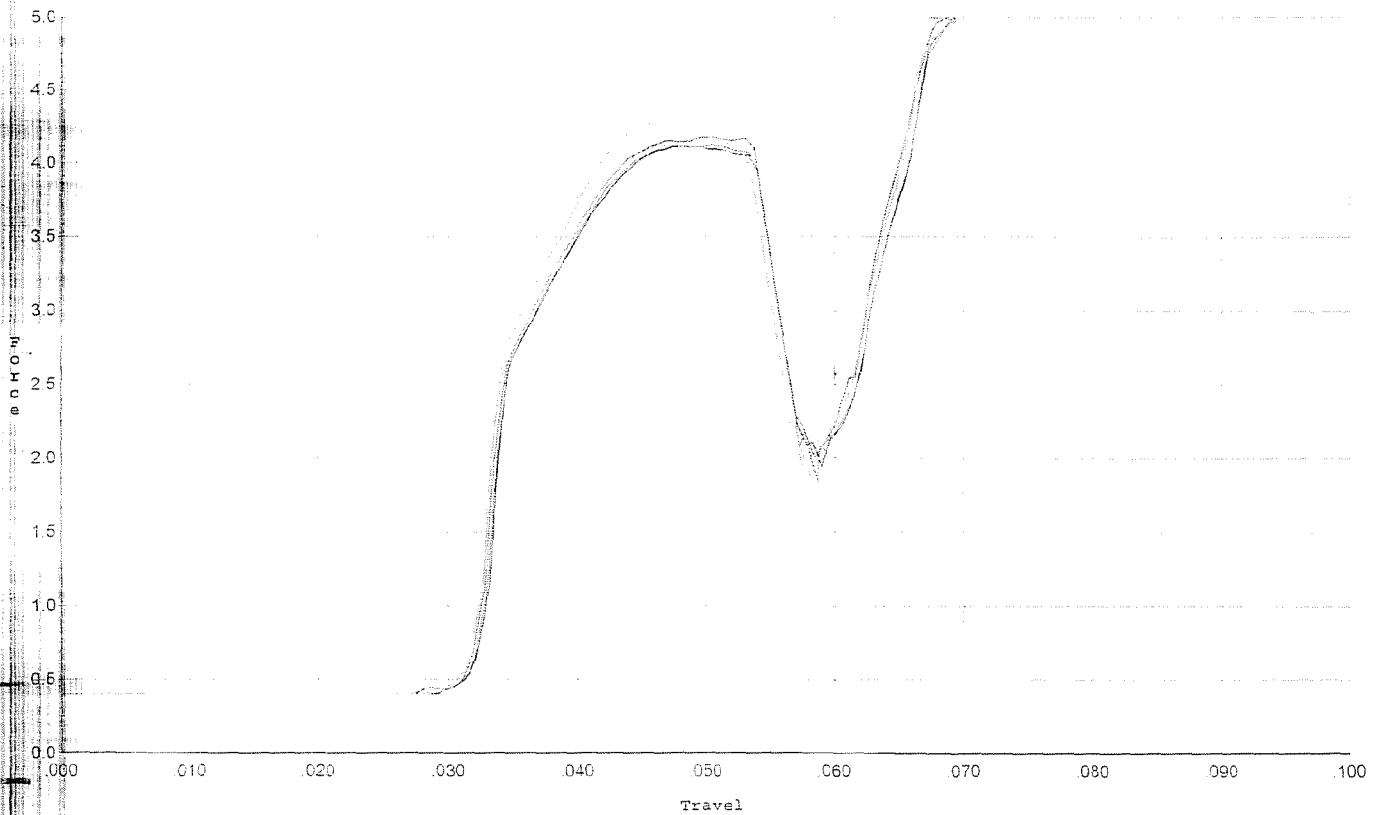
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.522	0.055	0.033	0.032	0.059		Set Trigger
2	2.578	0.054	0.033	0.032	0.060		Set Trigger
3	2.537	0.055	0.033	0.032	0.060		Set Trigger
4	2.535	0.054	0.033	0.032	0.059		Set Trigger
5	2.539	0.054	0.033	0.032	0.058		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 1/19/09

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.171	0.054	0.032	0.027	0.093		Set Trigger
2	4.109	0.054	0.032	0.028	0.092		Set Trigger
3	4.114	0.054	0.032	0.028	0.092		Set Trigger
4	4.116	0.053	0.032	0.028	0.091		Set Trigger
5	4.265	0.053	0.032	0.028	0.094		Set Trigger

Aug 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695421.___0
FILE DATE AND TIME: 01/27/2009 13:42

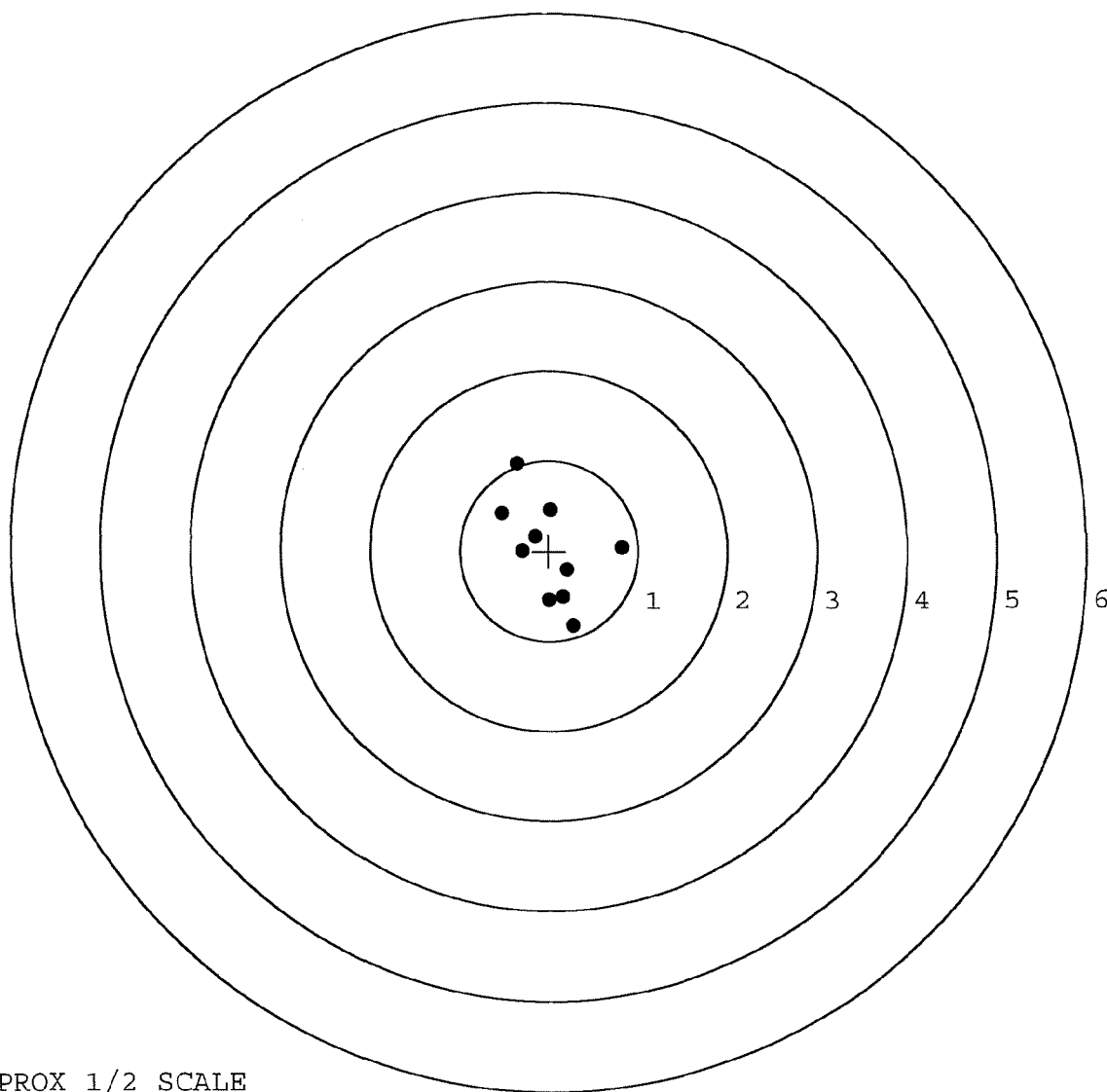
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.051
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.571
The Distance from POA to Centroid Target #1:	0.015
The Distance from Centroid Target #2 to Centroid Target #1:	0.070
The Distance from Centroid Target #3 to Centroid Target #1:	0.145
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.303

SERIAL NUMBER: G6695421. __0
TARGET NUMBER: 1
FILE DATE: 01/27/2009
FILE TIME: 13:42

X CENTROID: 0.014
Y CENTROID: -0.004
POA TO CENTROID: 0.015
HORZ SPREAD: 1.344
VERT SPREAD: 1.800
GROUP SPREAD: 1.905
MIN RADIUS: 0.241
MAX RADIUS: 1.044
MEAN RADIUS: 0.576
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.822	0.040
2:	0.268	-0.828
3:	0.000	-0.542
4:	0.155	-0.507
5:	0.205	-0.211
6:	0.032	0.455
7:	-0.158	0.165
8:	-0.302	-0.003
9:	-0.522	0.422
10:	-0.357	0.972



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695421. 0

TARGET NUMBER: 2

FILE DATE: 01/27/2009

FILE TIME: 13:42

POINT#	X	Y
1:	0.902	0.352
2:	0.374	0.375
3:	-0.199	0.768
4:	-0.495	-0.197
5:	-0.369	0.047
6:	-0.087	-0.486
7:	0.317	-0.191
8:	-0.099	-0.145
9:	0.091	-0.010
10:	-0.084	0.120

X CENTROID: 0.035

Y CENTROID: 0.063

POA TO CENTROID: 0.072

HORZ SPREAD: 1.397

VERT SPREAD: 1.254

GROUP SPREAD: 1.501

MIN RADIUS: 0.092

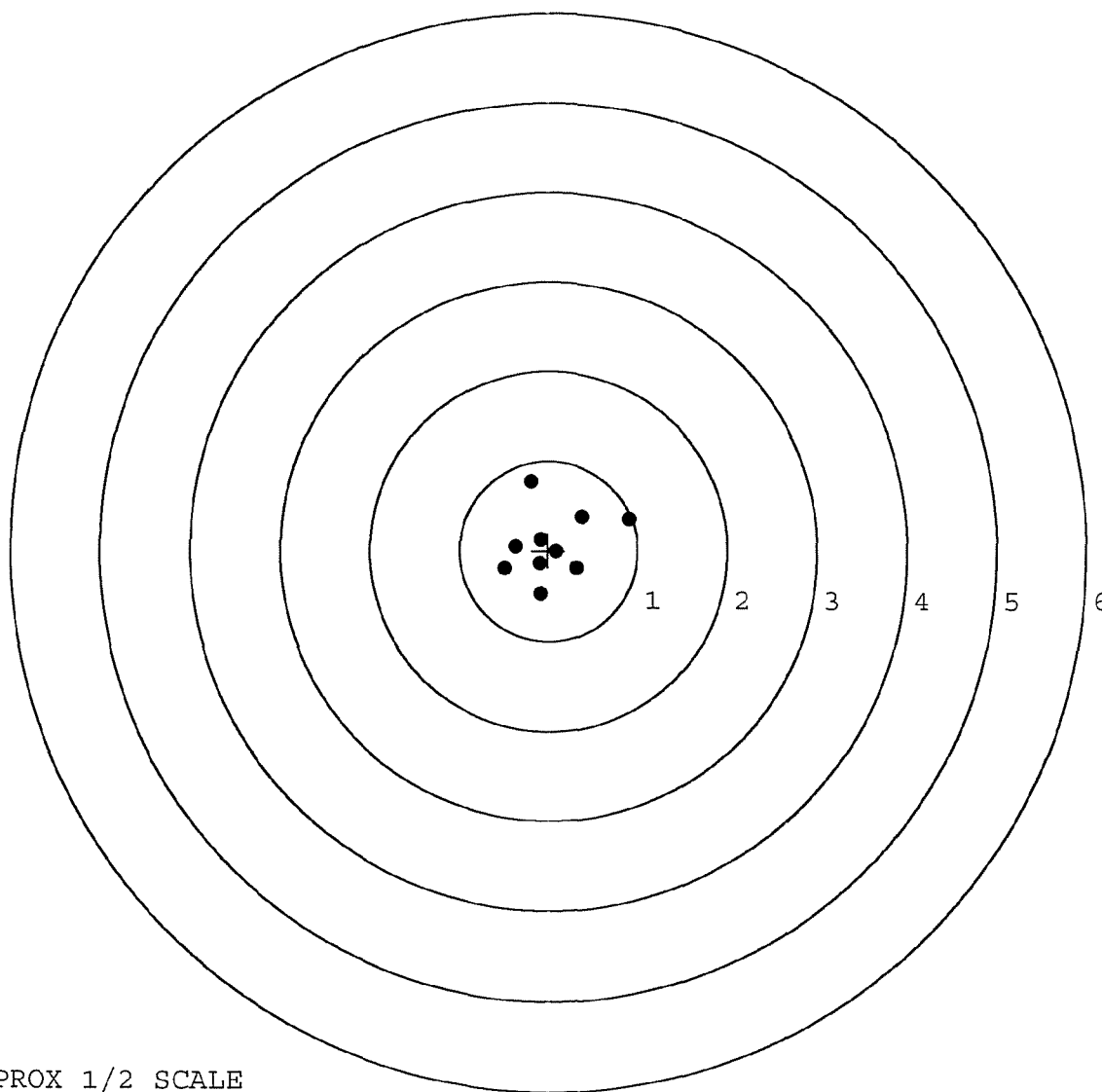
MAX RADIUS: 0.914

MEAN RADIUS: 0.453

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

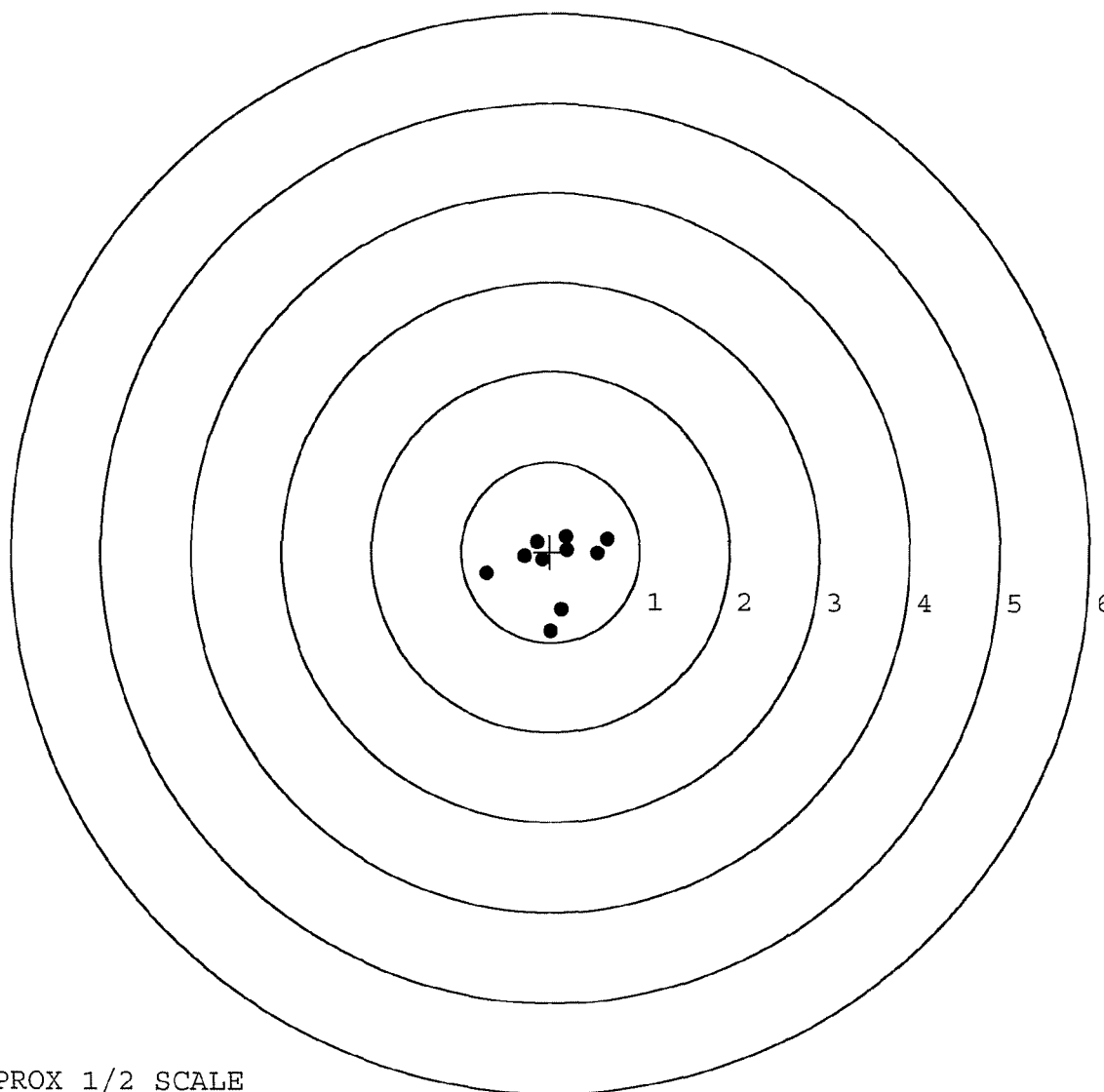


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695421. __0
TARGET NUMBER: 3
FILE DATE: 01/27/2009
FILE TIME: 13:42

POINT#	X	Y
1:	-0.006	-0.882
2:	0.123	-0.641
3:	0.639	0.152
4:	0.533	-0.013
5:	0.186	0.172
6:	-0.158	0.108
7:	-0.291	-0.051
8:	-0.715	-0.237
9:	0.192	0.023
10:	-0.091	-0.088

X CENTROID: 0.041
Y CENTROID: -0.146
POA TO CENTROID: 0.151
HORZ SPREAD: 1.354
VERT SPREAD: 1.054
GROUP SPREAD: 1.409
MIN RADIUS: 0.144
MAX RADIUS: 0.762
MEAN RADIUS: 0.457
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695421. __0

TARGET NUMBER: 4

FILE DATE: 01/27/2009

FILE TIME: 13:42

POINT#	X	Y
1:	-0.028	-1.283
2:	0.196	-0.543
3:	0.309	-0.235
4:	-0.060	-0.084
5:	0.389	0.095
6:	0.449	0.727
7:	-0.505	-0.022
8:	-0.530	0.262
9:	-0.942	0.168
10:	-0.163	0.797

X CENTROID: -0.088

Y CENTROID: -0.012

POA TO CENTROID: 0.089

HORZ SPREAD: 1.391

VERT SPREAD: 2.080

GROUP SPREAD: 2.084

MIN RADIUS: 0.078

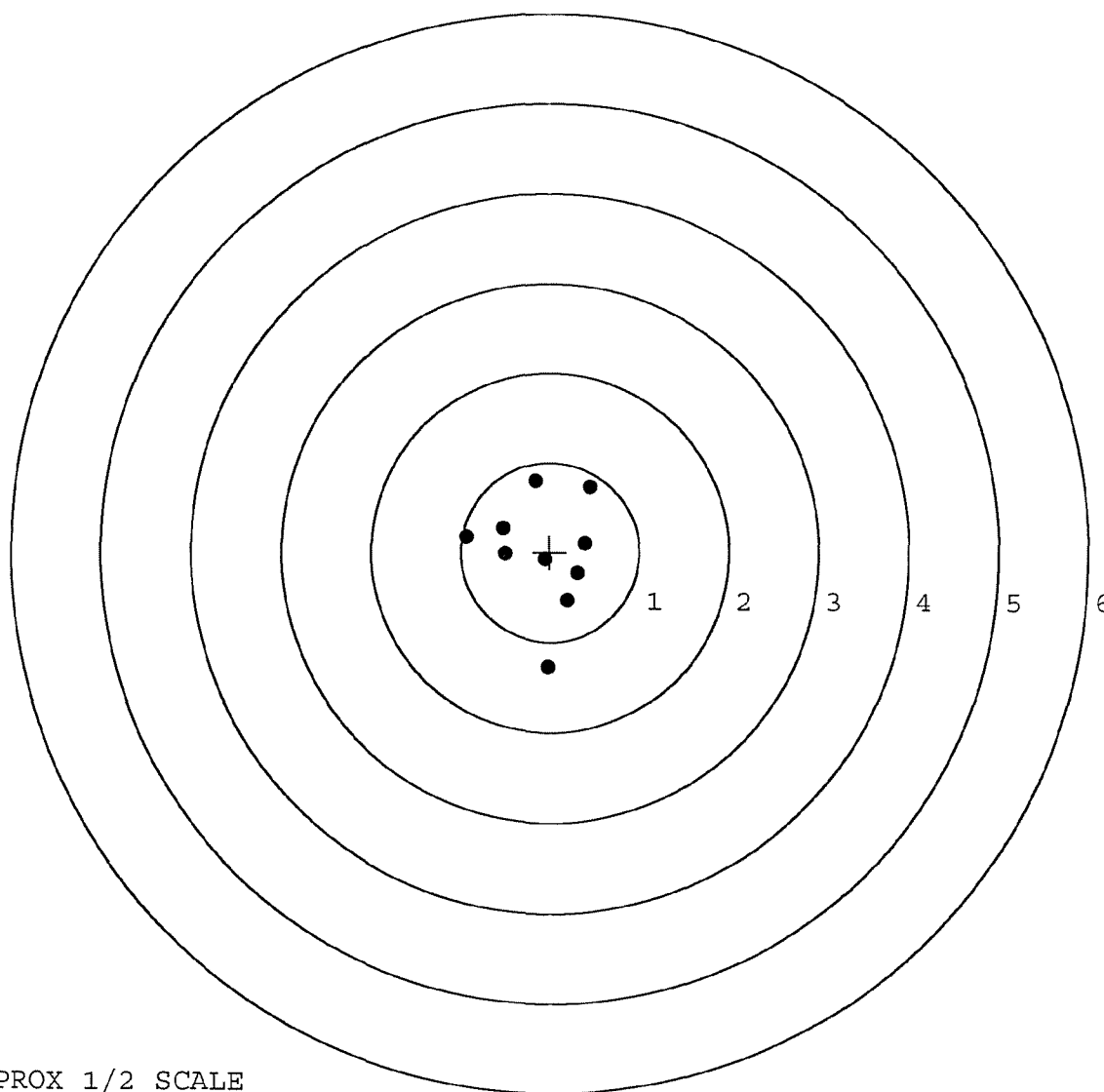
MAX RADIUS: 1.273

MEAN RADIUS: 0.643

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

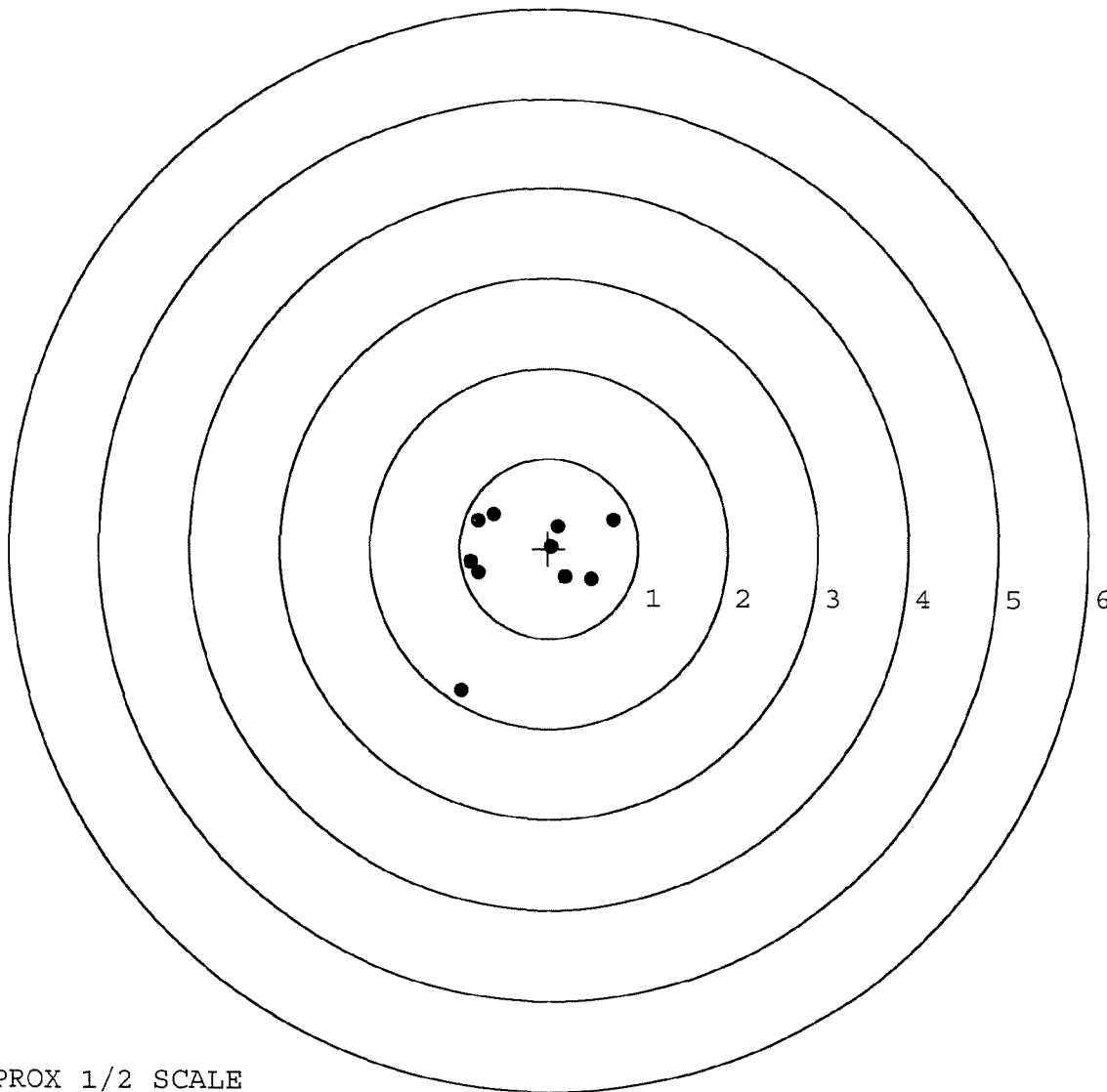


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6695421. __0
TARGET NUMBER: 5
FILE DATE: 01/27/2009
FILE TIME: 13:42

POINT#	X	Y
1:	-0.981	-1.584
2:	-0.789	-0.270
3:	-0.880	-0.151
4:	-0.795	0.312
5:	-0.626	0.378
6:	0.474	-0.345
7:	0.180	-0.319
8:	0.721	0.314
9:	0.102	0.245
10:	0.031	0.023

X CENTROID: -0.256
Y CENTROID: -0.140
POA TO CENTROID: 0.292
HORZ SPREAD: 1.702
VERT SPREAD: 1.962
GROUP SPREAD: 2.549
MIN RADIUS: 0.330
MAX RADIUS: 1.616
MEAN RADIUS: 0.729
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6534973.___0
FILE DATE AND TIME: 03/22/2006 15:55

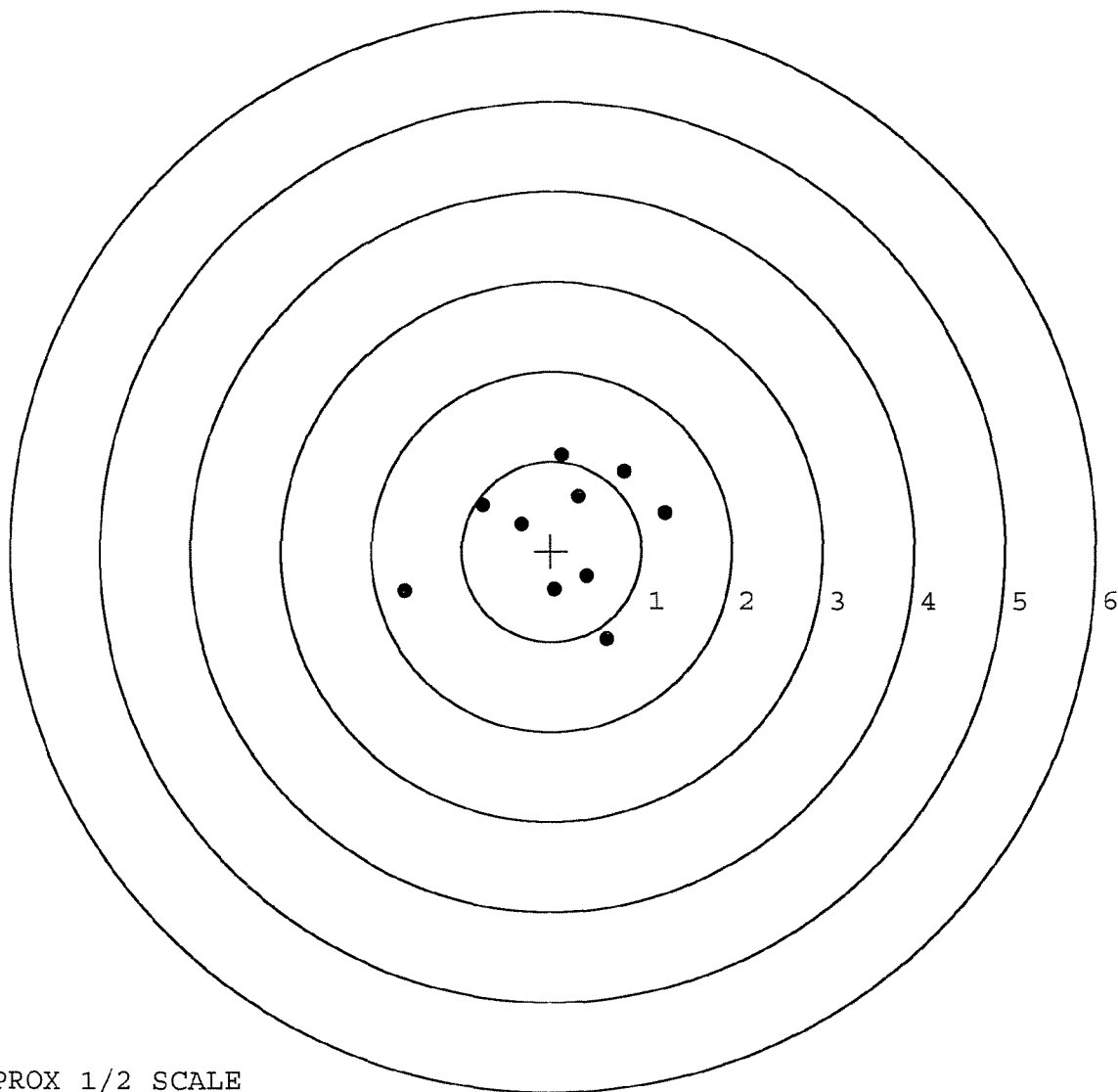
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	0.082
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.760
The Distance from POA to Centroid Target #1:	0.187
The Distance from Centroid Target #2 to Centroid Target #1:	0.059
The Distance from Centroid Target #3 to Centroid Target #1:	0.268
The Distance from Centroid Target #4 to Centroid Target #1:	0.303
The Distance from Centroid Target #5 to Centroid Target #1:	0.180

SERIAL NUMBER: G6534973. __0
TARGET NUMBER: 1
FILE DATE: 03/22/2006
FILE TIME: 15:55

POINT#	X	Y
1:	0.295	0.611
2:	-0.339	0.306
3:	-0.773	0.516
4:	-1.632	-0.442
5:	0.397	-0.280
6:	0.618	-0.979
7:	0.038	-0.428
8:	0.115	1.067
9:	1.257	0.432
10:	0.809	0.893

X CENTROID: 0.079
Y CENTROID: 0.170
POA TO CENTROID: 0.187
HORZ SPREAD: 2.889
VERT SPREAD: 2.046
GROUP SPREAD: 3.018
MIN RADIUS: 0.439
MAX RADIUS: 1.817
MEAN RADIUS: 0.922
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

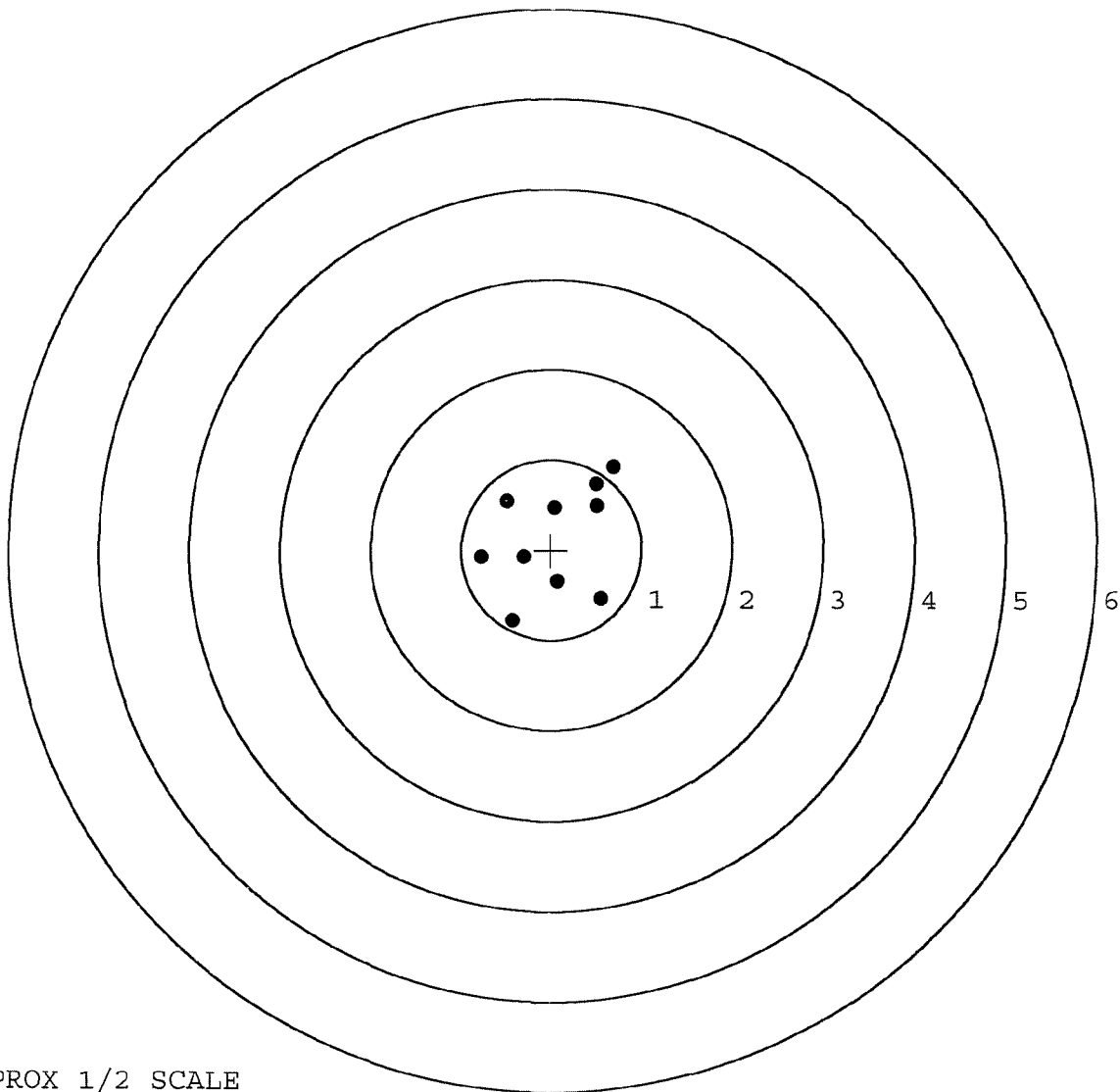


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534973. __0
TARGET NUMBER: 2
FILE DATE: 03/22/2006
FILE TIME: 15:55

POINT#	X	Y
1:	0.692	0.916
2:	0.496	0.730
3:	0.504	0.490
4:	0.039	0.467
5:	-0.495	0.537
6:	-0.777	-0.084
7:	-0.301	-0.084
8:	0.079	-0.351
9:	-0.432	-0.787
10:	0.559	-0.546

X CENTROID: 0.036
Y CENTROID: 0.129
POA TO CENTROID: 0.134
HORZ SPREAD: 1.469
VERT SPREAD: 1.703
GROUP SPREAD: 2.040
MIN RADIUS: 0.338
MAX RADIUS: 1.029
MEAN RADIUS: 0.698
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

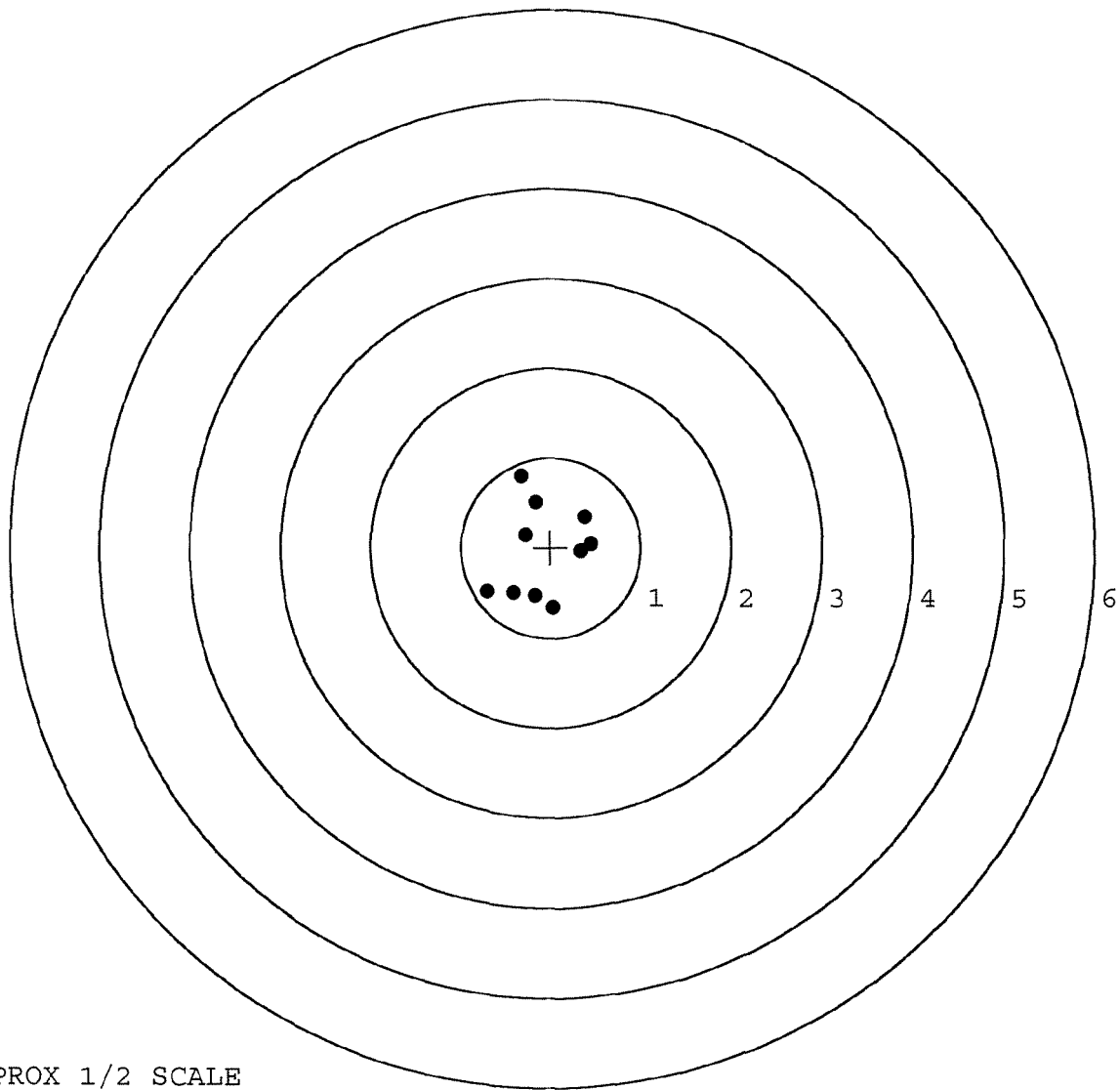


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534973. __0
TARGET NUMBER: 3
FILE DATE: 03/22/2006
FILE TIME: 15:55

POINT#	X	Y
1:	-0.328	0.797
2:	-0.167	0.505
3:	-0.279	0.134
4:	-0.712	-0.491
5:	-0.414	-0.501
6:	-0.175	-0.536
7:	0.035	-0.663
8:	0.379	0.346
9:	0.450	0.043
10:	0.337	-0.042

X CENTROID: -0.087
Y CENTROID: -0.041
POA TO CENTROID: 0.096
HORZ SPREAD: 1.162
VERT SPREAD: 1.460
GROUP SPREAD: 1.504
MIN RADIUS: 0.259
MAX RADIUS: 0.872
MEAN RADIUS: 0.573
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534973. __0

TARGET NUMBER: 4

FILE DATE: 03/22/2006

FILE TIME: 15:55

POINT#	X	Y
--------	---	---

1:	-0.655	1.382
----	--------	-------

2:	-0.069	0.922
----	--------	-------

3:	0.431	0.656
----	-------	-------

4:	0.271	0.200
----	-------	-------

5:	0.458	-0.113
----	-------	--------

6:	0.084	-0.440
----	-------	--------

7:	-0.184	-0.620
----	--------	--------

8:	-0.292	-1.104
----	--------	--------

9:	-1.033	-0.405
----	--------	--------

10:	-1.147	0.404
-----	--------	-------

X CENTROID: -0.214

Y CENTROID: 0.088

POA TO CENTROID: 0.231

HORZ SPREAD: 1.605

VERT SPREAD: 2.486

GROUP SPREAD: 2.512

MIN RADIUS: 0.497

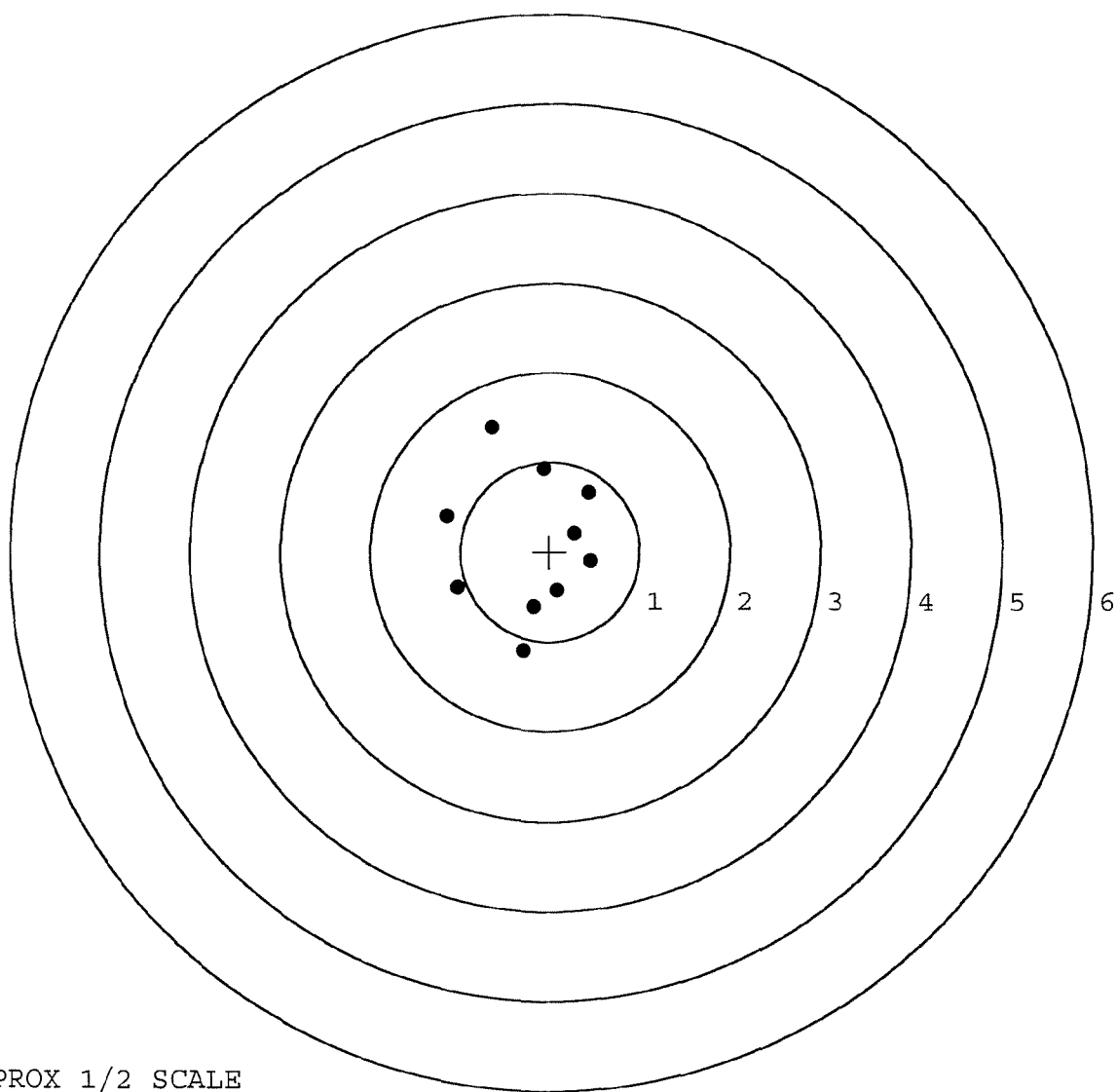
MAX RADIUS: 1.367

MEAN RADIUS: 0.872

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

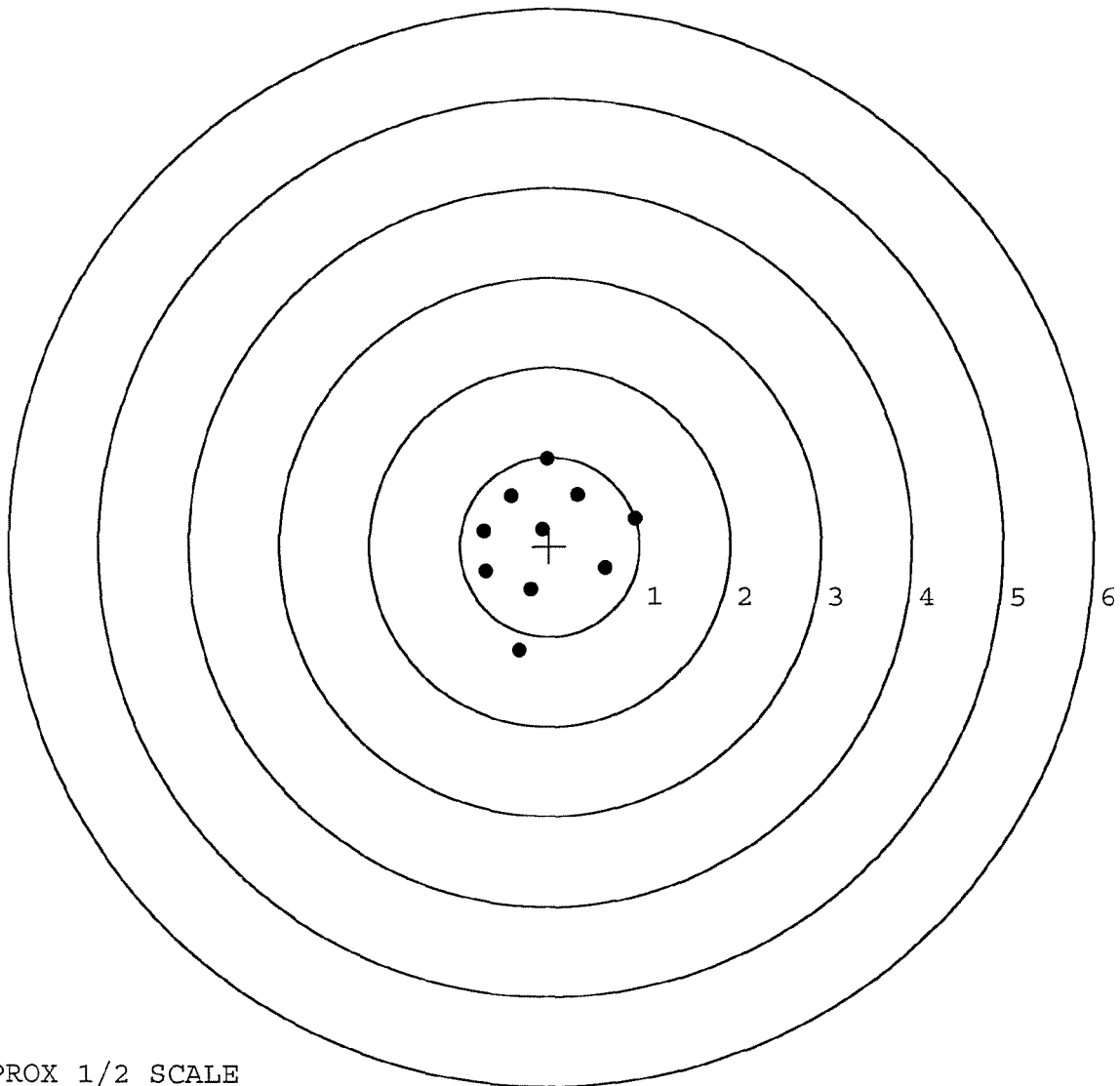


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6534973. __0
TARGET NUMBER: 5
FILE DATE: 03/22/2006
FILE TIME: 15:55

POINT#	X	Y
1:	-0.077	0.187
2:	0.308	0.579
3:	-0.039	0.978
4:	0.948	0.318
5:	0.623	-0.241
6:	-0.208	-0.483
7:	-0.338	-1.163
8:	-0.710	-0.282
9:	-0.737	0.169
10:	-0.431	0.563

X CENTROID: -0.066
Y CENTROID: 0.062
POA TO CENTROID: 0.091
HORZ SPREAD: 1.685
VERT SPREAD: 2.141
GROUP SPREAD: 2.162
MIN RADIUS: 0.125
MAX RADIUS: 1.255
MEAN RADIUS: 0.733
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

[illegible]

Repair Inquiry

Repair Number: RE00068120

Serial: C6587510 Model 700 Center Fire Caliber: 7
62 NATO M/24 SWS

Repairman:

Verify Repair

Status:

Closed 7/28/2003 11:17:51 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: USPFO FOR ARK

USPFO FOR ARK

Address 1: CAMP J T ROBINSON

CAMP J T ROBINSON

Address 2:

PO Box:

PO Box:

City: NORTH LITTLE ROCK

NORTH LITTLE ROCK

State: AR

Zip Code: 72119

Country: US

State: AR

Zip Code: 72119

Country: US

FPL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
C000	FRONT AND REAR B.	1

Repair Search

Refresh

Close

nagletj

7/28/2003

12:45 PM

CAPS

NUM

INS

SCFL

start

6 Mon...

4 Mon...

Arms Se...

W/E Oct...

M/T Oct...

W 2 Mon...

Part Oct...

12:45 PM

Serial Number: C6587510

Model: 700



RE00068120

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587510.___0

FILE DATE AND TIME: 08/22/2003 07:58

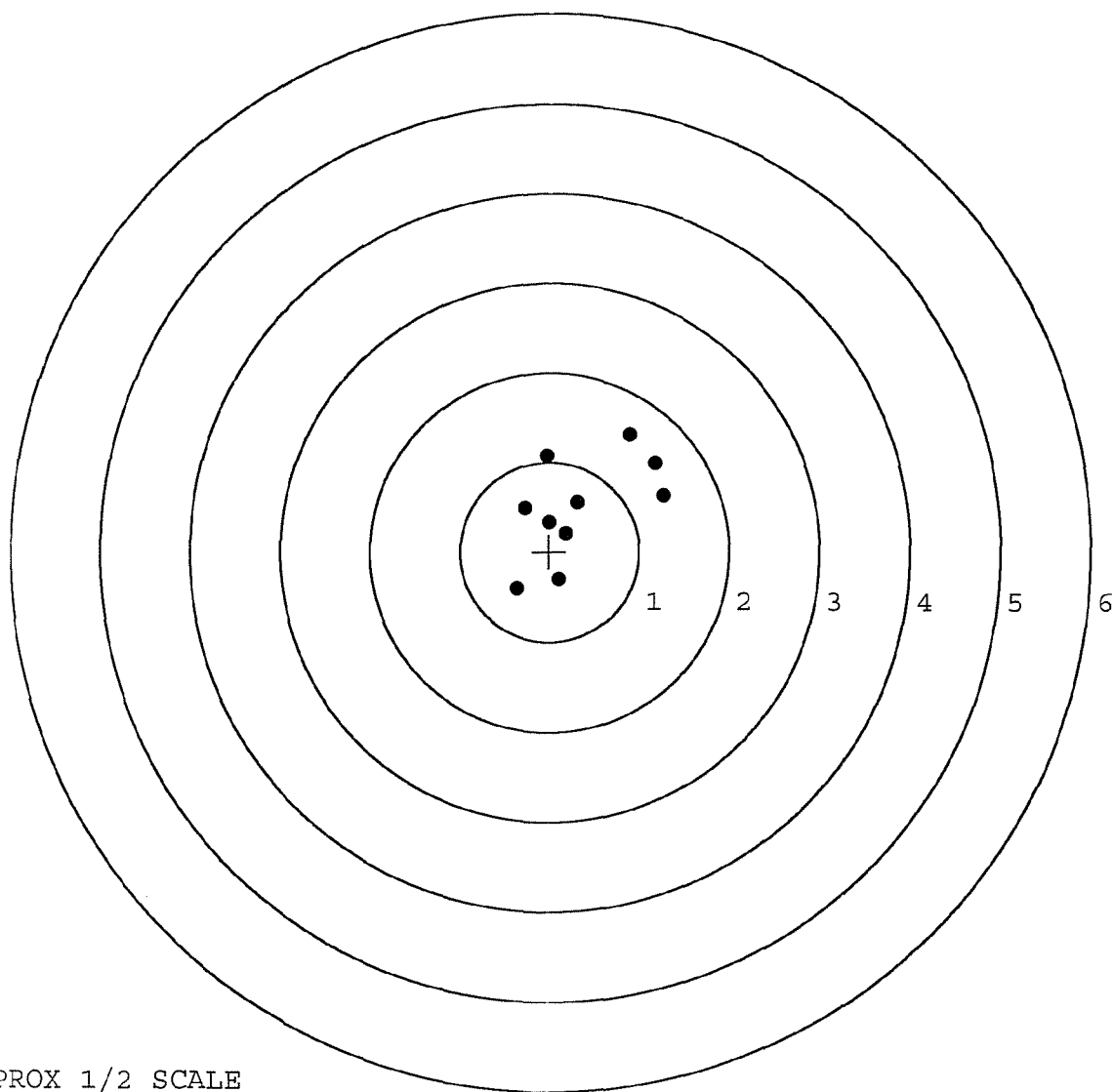
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.093
The Average Y Centroid of the Five Target Set:	0.128
The Average Point of Impact of the Five Target Set:	0.158
The Average Mean Radius of the Five Target Set:	0.641
The Distance from POA to Centroid Target #1:	0.583
The Distance from Centroid Target #2 to Centroid Target #1:	0.465
The Distance from Centroid Target #3 to Centroid Target #1:	0.639
The Distance from Centroid Target #4 to Centroid Target #1:	0.791
The Distance from Centroid Target #5 to Centroid Target #1:	0.261

SERIAL NUMBER: C6587510. __0
TARGET NUMBER: 1
FILE DATE: 08/22/2003
FILE TIME: 07:58

POINT#	X	Y
1:	-0.035	1.070
2:	0.892	1.310
3:	1.171	0.992
4:	1.268	0.629
5:	0.307	0.549
6:	0.181	0.204
7:	-0.009	0.328
8:	-0.364	-0.415
9:	0.113	-0.310
10:	-0.279	0.492

X CENTROID: 0.324
Y CENTROID: 0.485
POA TO CENTROID: 0.583
HORZ SPREAD: 1.632
VERT SPREAD: 1.725
GROUP SPREAD: 2.134
MIN RADIUS: 0.066
MAX RADIUS: 1.133
MEAN RADIUS: 0.694
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

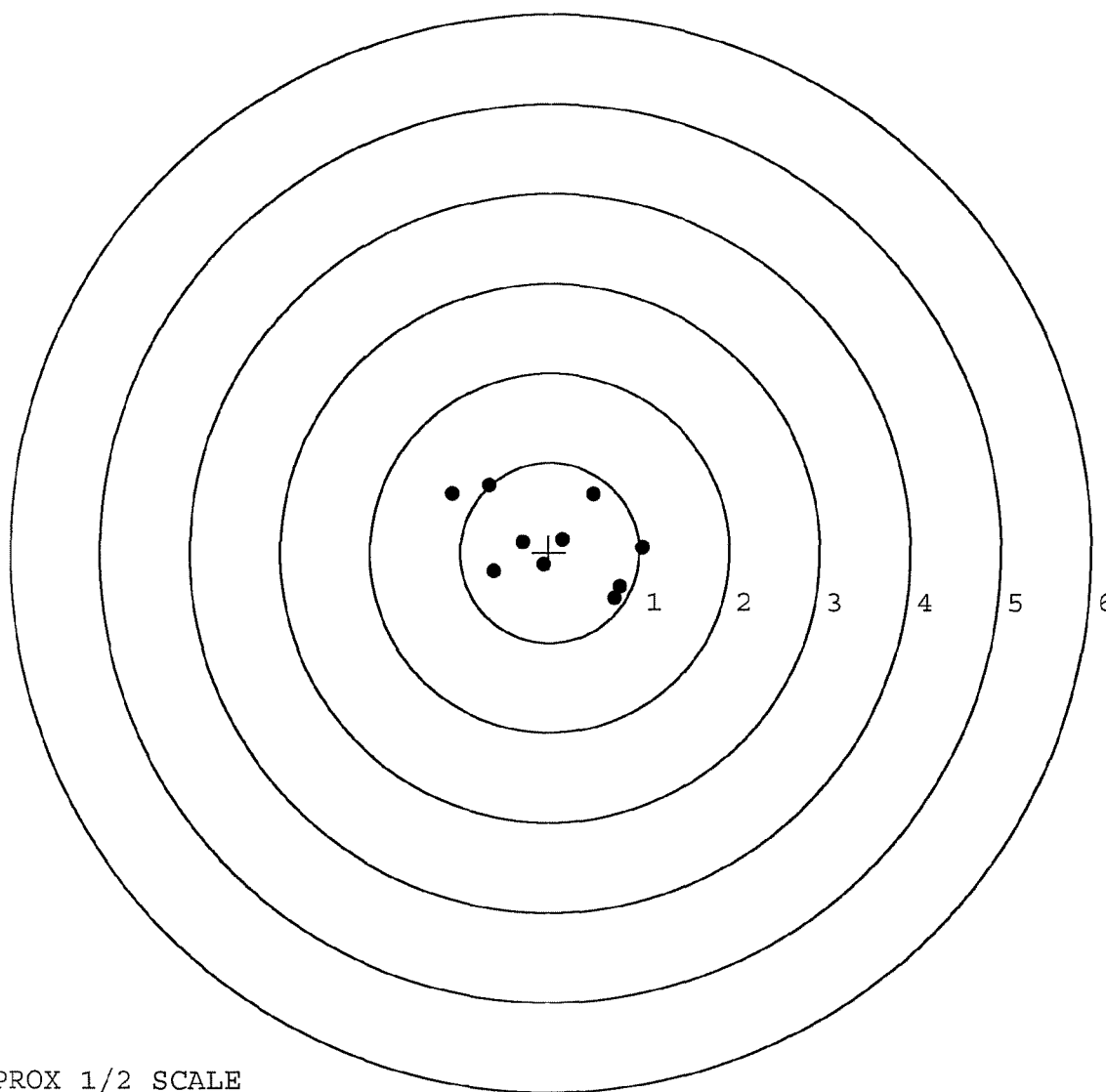


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587510. __0
TARGET NUMBER: 2
FILE DATE: 08/22/2003
FILE TIME: 07:58

POINT#	X	Y
1:	-1.090	0.651
2:	-0.674	0.753
3:	0.488	0.653
4:	1.034	0.055
5:	0.733	-0.508
6:	-0.304	0.118
7:	-0.621	-0.209
8:	-0.061	-0.134
9:	0.146	0.144
10:	0.789	-0.381

X CENTROID: 0.044
Y CENTROID: 0.114
POA TO CENTROID: 0.122
HORZ SPREAD: 2.124
VERT SPREAD: 1.261
GROUP SPREAD: 2.206
MIN RADIUS: 0.106
MAX RADIUS: 1.255
MEAN RADIUS: 0.719
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

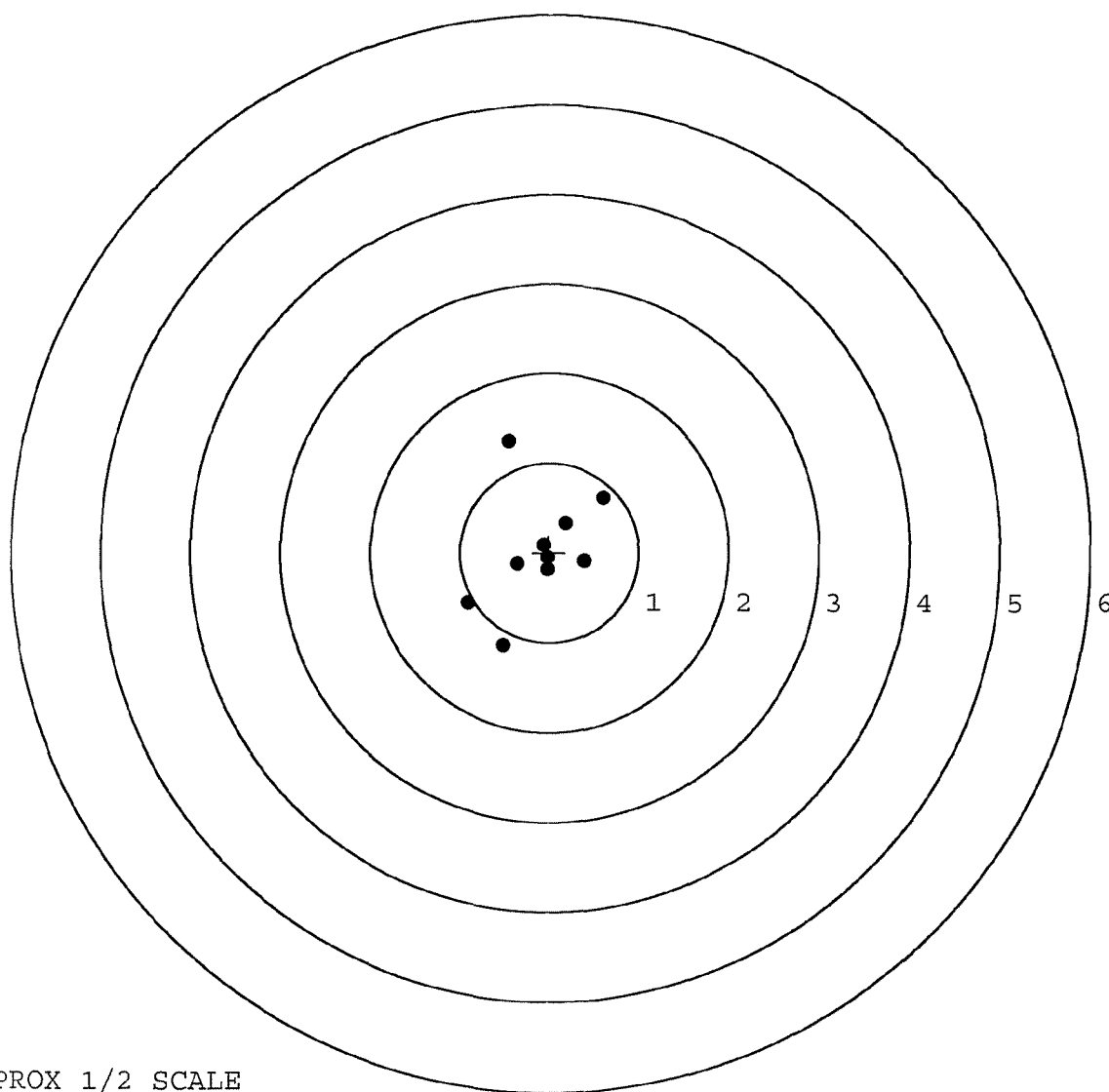


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587510. __0
TARGET NUMBER: 3
FILE DATE: 08/22/2003
FILE TIME: 07:58

POINT#	X	Y
1:	-0.459	1.244
2:	-0.912	-0.562
3:	-0.515	-1.037
4:	0.606	0.617
5:	0.181	0.331
6:	0.397	-0.090
7:	-0.020	-0.191
8:	-0.358	-0.121
9:	-0.058	0.082
10:	-0.015	-0.060

X CENTROID: -0.115
Y CENTROID: 0.021
POA TO CENTROID: 0.117
HORZ SPREAD: 1.518
VERT SPREAD: 2.281
GROUP SPREAD: 2.282
MIN RADIUS: 0.083
MAX RADIUS: 1.270
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

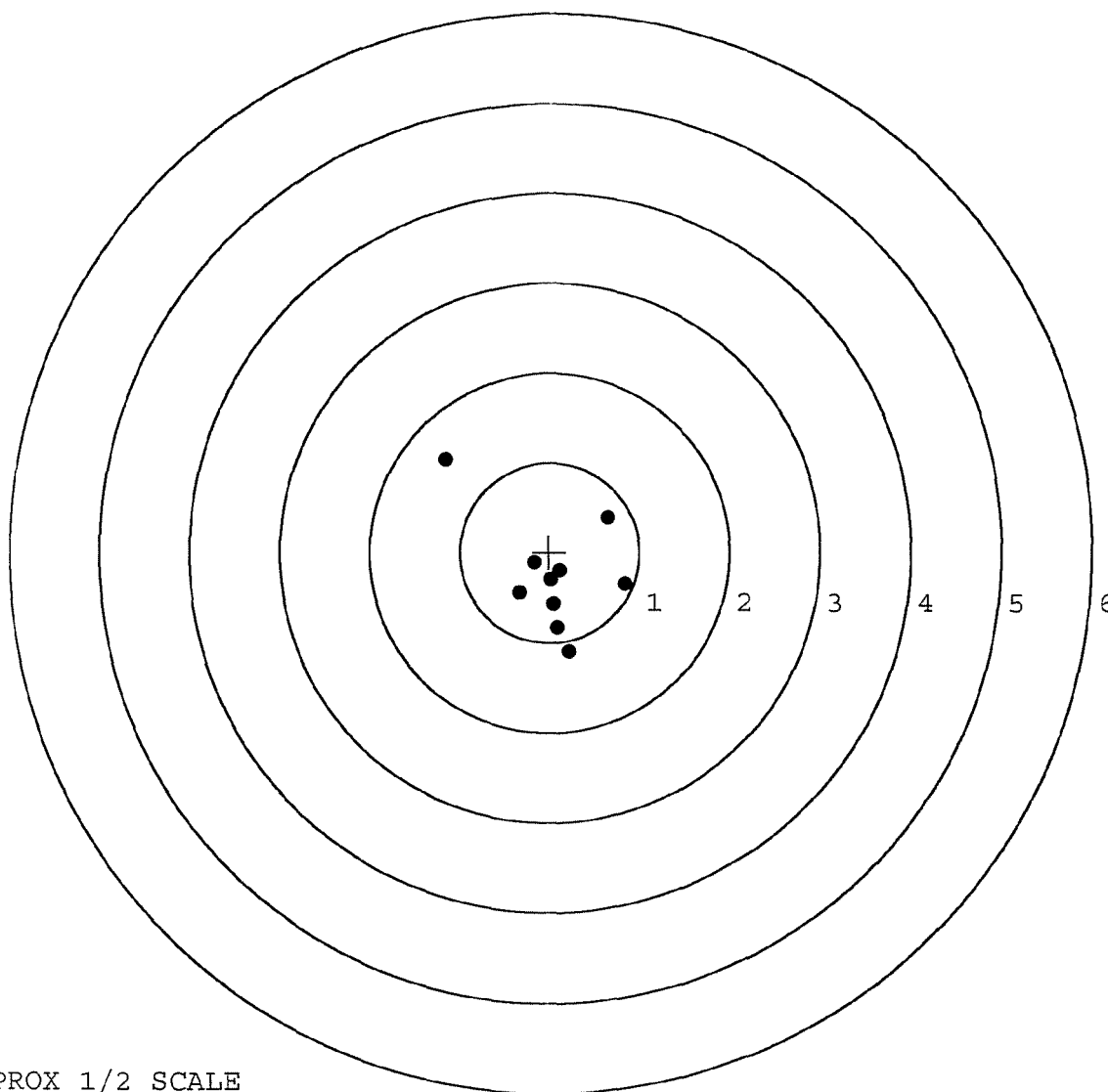


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587510.____0
TARGET NUMBER: 4
FILE DATE: 08/22/2003
FILE TIME: 07:58

POINT#	X	Y
1:	0.652	0.393
2:	0.840	-0.353
3:	0.223	-1.105
4:	-1.163	1.040
5:	-0.169	-0.119
6:	-0.337	-0.450
7:	0.116	-0.202
8:	0.099	-0.834
9:	0.057	-0.578
10:	0.016	-0.299

X CENTROID: 0.033
Y CENTROID: -0.251
POA TO CENTROID: 0.253
HORZ SPREAD: 2.003
VERT SPREAD: 2.145
GROUP SPREAD: 2.554
MIN RADIUS: 0.051
MAX RADIUS: 1.760
MEAN RADIUS: 0.607
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

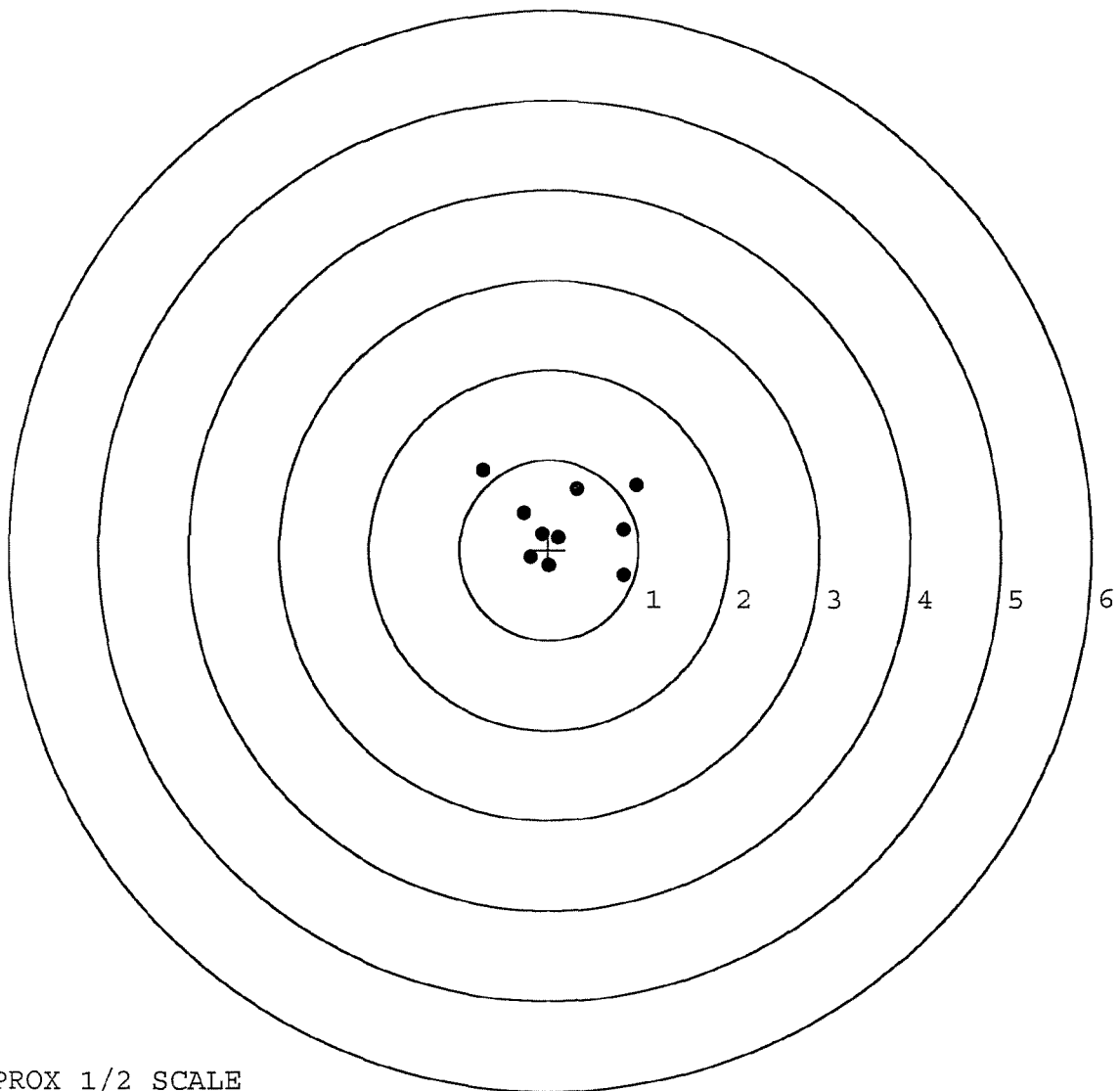


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587510. __0
TARGET NUMBER: 5
FILE DATE: 08/22/2003
FILE TIME: 07:58

POINT#	X	Y
1:	-0.738	0.890
2:	0.312	0.686
3:	0.974	0.717
4:	0.833	0.224
5:	0.835	-0.282
6:	-0.285	0.408
7:	-0.071	0.177
8:	-0.204	-0.082
9:	0.005	-0.174
10:	0.107	0.138

X CENTROID: 0.177
Y CENTROID: 0.270
POA TO CENTROID: 0.323
HORZ SPREAD: 1.712
VERT SPREAD: 1.172
GROUP SPREAD: 1.962
MIN RADIUS: 0.149
MAX RADIUS: 1.105
MEAN RADIUS: 0.586
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	68120		
SERIAL NUMBER	C6582570		
LOG-IN DATE	7-28-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-4-03	RTL
560 A	RE-BARREL	8-7-03	RTL
B	DRILL AND TAP	8-11-03	TRW
575	ASSEMBLE	8-11-03	RTL
600	PROOF	8-11-03	AC
605	CHECK HEADSPACE	8-11-03	AC
610	DIS-ASSEMBLE GUN	8-11-03	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8-12-03	SB
618	ROTO-BLAST	8-13-03	JB
620	APPLY COATINGS	8-14	TA
625 A	FINAL ASSEMBLY	8-19-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-22-03	AC
655	FINAL INSPECT	8-22-03	RW
660	PACK	8-25-03	DA
		SHIP DATE	
	QAR INSPECTION DATE		

RECEIVING AND ESTIMATING REPORT

COMMENTS

40 CLOCKS LT.

ORDER
R 94-18295

INITIAL FDC	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN			SCOPE 88-1069	
DATE RECEIVED 06/10/94	DATE OPENED 06/10/94	DATE CODE	SERIAL NUMBER C6587510	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62		NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE							

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL
36201-5025

CUST NO: 098397 C.O.D.L.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA FRT
GUN CONDITION ☐ NEW ☐ LIGHTLY WORN ☐ WORN ☐ VERY WORN ☐ UNREPAIRABLE ☐ MARRED					REPAIR CHARGE EXCISE TAX INSURANCE UPS PARCEL POST TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS
✓ New Barrel	
✓ Trigger Assy	
✓ Mag Box	
✓ Mag follower	
✓ Mag Spring	
✓ New Stock	
✓ Front & Rear Sight Assy	
REPAIRMAN	PROOF
GALLERY TESTER	DATE
CLEAN	DATE
TEST	DATE
TARGET	DATE
PATTERN	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400092979

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587570

DATE 3/22/96

TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.71	2.62		2.82	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.66		2.49	
PULL #3	2.79	2.61		2.85	
PULL #4	2.49	2.60		2.79	
PULL #5	2.53	2.81		2.71	
TOTAL	13.17	13.3		13.66	
AVG.	2.634	2.66		2.732	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.15		
PULL #2	3.08	2.99		
PULL #3	2.95	3.03		
PULL #4	2.99	3.03		
PULL #5	3.01	3.04		
TOTAL	15.03	15.24		
AVG.	3.006	3.048		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.14		4.00
PULL #2	4.10	4.23		3.99
PULL #3	4.08	4.24		4.09
PULL #4	4.13	4.30		3.99
PULL #5	4.15	4.08		4.01
TOTAL	20.69	20.99		20.08
AVG.	4.138	4.198		4.016

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587510
11 Feb 1900

CENTROIDAL DISTANCES

0 TO	1	.573924
1 TO	2	.161818
1 TO	3	.14418
1 TO	4	.346055
1 TO	5	.20837

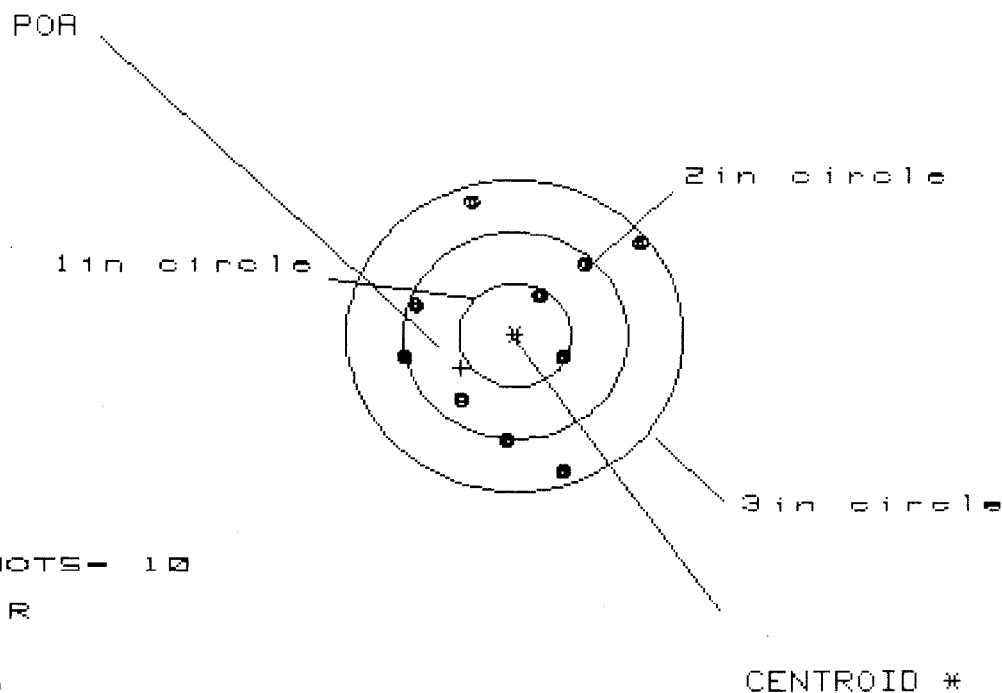
$\frac{4}{3}$
+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4584
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3988
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .607595
THE AMR FOR THIS RIFLE IS: 1.068

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587510

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 5

3in = 10

HS= 2.083

VS= 2.633

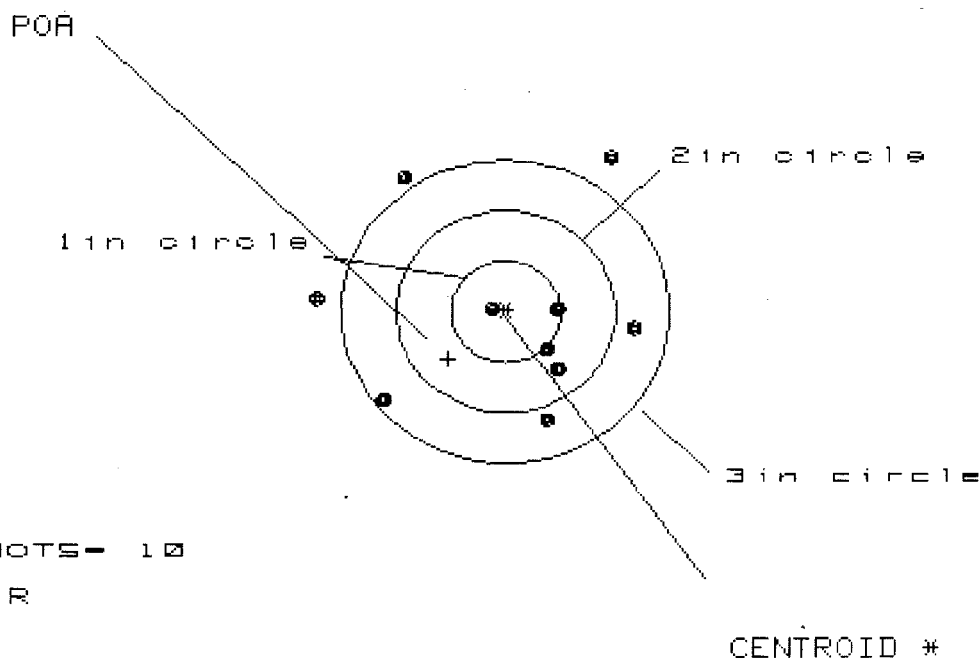
GS= 2.743

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.101	.720	.789
MINIMUM X	-.982	-.860	-.791
MAXIMUM Y	1.312	1.406	1.253
MINIMUM Y	-1.321	-1.227	-1.097
CENTROID X	.483	.361	.292
CENTROID Y	.310	.216	.369
POA TO CENTROID in.	.574	.420	.470
MIN RADIUS	.424	.566	.492
MEAN RADIUS	.973	.919	.860
MAX RADIUS	1.391	1.423	1.262
HORIZONTAL SPREAD	2.083	1.580	1.580
VERTICAL SPREAD	2.633	2.633	2.350
EXTREME SPREAD	2.743	2.743	2.365
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06587510

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.897

VS= 2.597

GS= 3.243

PATTERN #

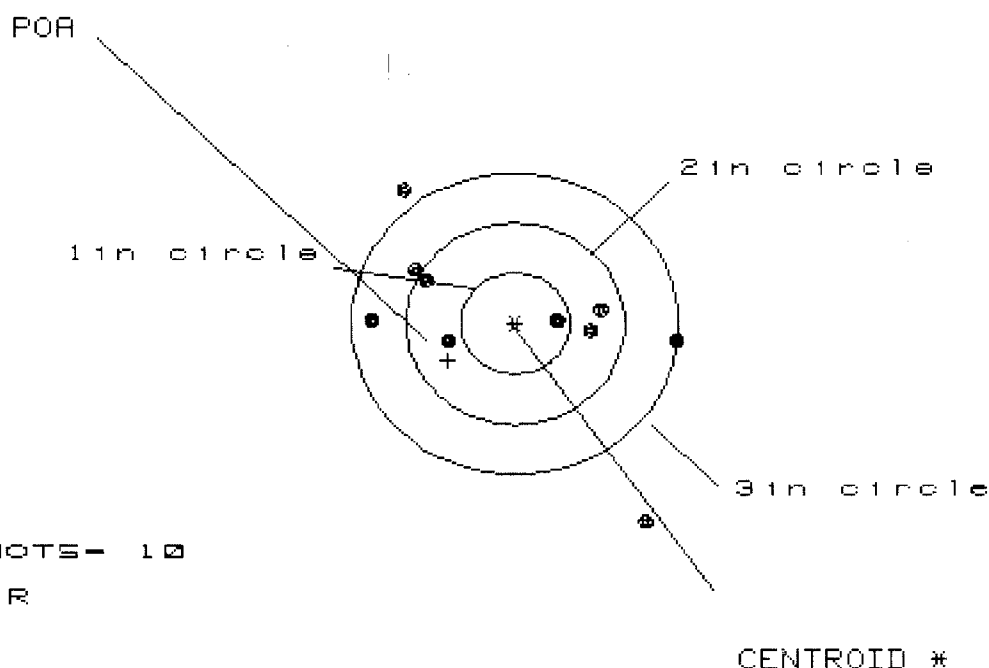
2

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.186	1.300	1.100
MINIMUM X	-1.711	-1.597	-1.251
MAXIMUM Y	1.519	1.488	1.523
MINIMUM Y	-1.078	-.910	-.875
CENTROID X	.526	.412	.612
CENTROID Y	.466	.298	.263
POA TO CENTROID in.	.703	.509	.666
MIN RADIUS	.129	.248	.339
MEAN RADIUS	1.089	1.011	.877
MAX RADIUS	1.830	1.714	1.849
HORIZONTAL SPREAD	2.897	2.897	2.351
VERTICAL SPREAD	2.597	2.398	2.398
EXTREME SPREAD	3.243	2.912	2.736
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587510

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 8

HS= 2.808

VS= 3.302

GS= 3.953

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.450	1.584	1.480
MINIMUM X	-1.358	-1.224	-1.328
MAXIMUM Y	1.289	1.066	.464
MINIMUM Y	-2.012	-.394	-.261
CENTROID X	.615	.481	.585
CENTROID Y	.368	.592	.459
POA TO CENTROID in.	.717	.763	.744
MIN RADIUS	.434	.599	.475
MEAN RADIUS	1.128	.974	.913
MAX RADIUS	2.346	1.632	1.502
HORIZONTAL SPREAD	2.808	2.808	2.808
VERTICAL SPREAD	3.302	1.460	.725
EXTREME SPREAD	3.953	2.825	2.816
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

11 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06587510

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.748

VS= 2.370

GS= 2.903

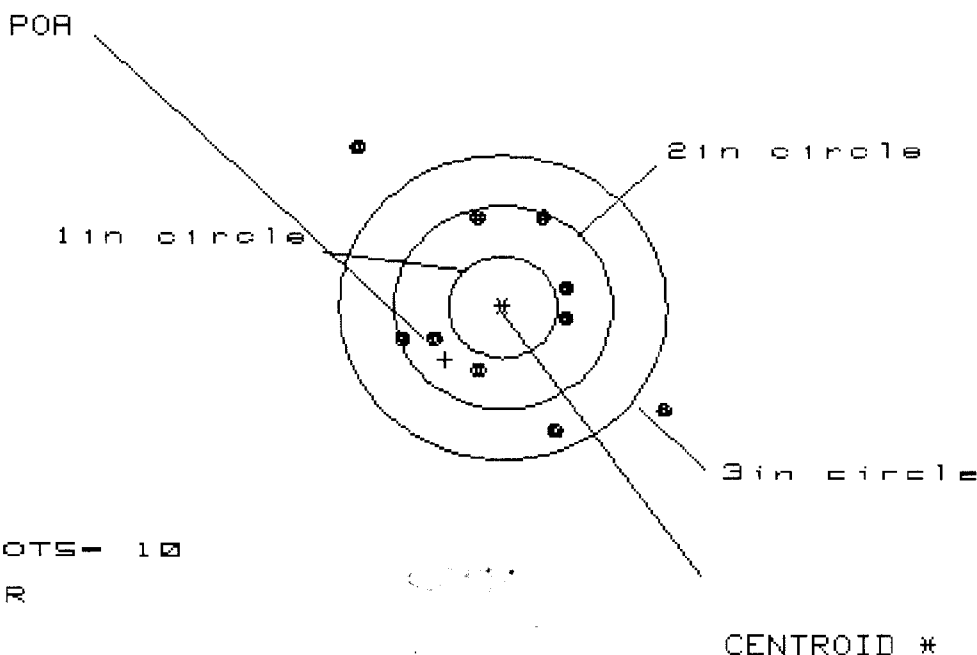
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	1.385	1.065
MINIMUM X	:	-1.302	-1.141	-.968
MAXIMUM Y	:	1.468	1.367	1.466
MINIMUM Y	:	-.902	-.797	-.698
CENTROID X	:	.138	-.023	-.196
CENTROID Y	:	.337	.438	.339
POA TO CENTROID in.	:	.364	.438	.391
MIN RADIUS	:	.678	.642	.685
MEAN RADIUS	:	1.102	1.022	.914
MAX RADIUS	:	1.705	1.596	1.548
HORIZONTAL SPREAD	:	2.748	2.526	2.033
VERTICAL SPREAD	:	2.370	2.164	2.164
EXTREME SPREAD	:	2.903	2.668	2.287
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Feb 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6587510

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 0

2in - 6

3in - 8

HS= 2.756

VS= 2.818

GS= 3.849

PATTERN #	5	9	8.10
SHOTS (BEST OF)	10	9	8.10
MAXIMUM X	1.430	1.283	.577
MINIMUM X	-1.326	-1.089	-.929
MAXIMUM Y	1.631	1.104	.995
MINIMUM Y	-1.187	-1.006	-1.115
CENTROID X	.530	.677	.517
CENTROID Y	.513	.332	.441
POR TO CENTROID in.	.738	.754	.680
MIN RADIUS	.551	.427	.547
MEAN RADIUS	1.047	.910	.820
MAX RADIUS	2.102	1.553	1.203
HORIZONTAL SPREAD	2.756	2.372	1.506
VERTICAL SPREAD	2.818	2.110	2.110
EXTREME SPREAD	3.849	2.540	2.152
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587510

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/14/96	RW
	G) Safety Off Force	3	3	3			5/14/96	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.25	2.30	2.24	2.24	2.19	5/14/96	RW
	C) Function							
660	Pack							




VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

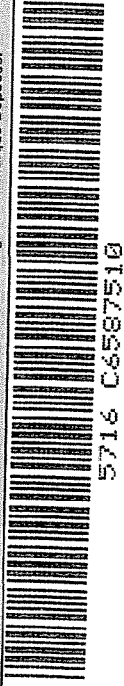
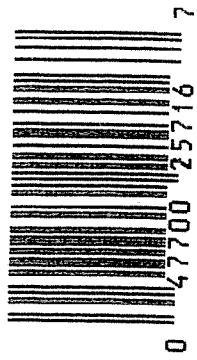
MODEL 700™ H24

SERIAL NO.
C6587510

ORDER NO.
5716

MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587510

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	Kd
600	Proof		10/22/90	Kd
607	Check Headspace		10/22/90	Kd
610	Dis-assemble Gun		10/22/90	Kd
612	Magnaflux Barrel Action		10/24/90	KR-
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	JS
617	Drill and Tap Sight Holes		10/25/90	KLB
618	Polish Barrel <i>RUB</i>		10/26/90	WLB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)		11-7-90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-26-90	JM

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2	11/26/90	WB		
	G) Safety Off Force	2	2	2	11/26/90	WB		
	H) Trigger Pull Test & Retainability				11/26/90	JS		
	I) Firing Pin Indent	.0215	.0205	.021	11/26/90	WB		
	J) Assemble Stock				11/27/90	KS		
	K) Assemble Swivel Studs				11/27/90	JS		
	L) Attach Front and Rear Sight Assemblies				11/27/90	KS		
	M) Iron Sight Alignment				11/27/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				11/27/90	KS		
	O) Attach Scope to Rifle				11/27/90	KS		
	P) Detach & Attach Scope 20 Times				11/27/90	KS		
640	Gallery Target & Test				11/28/90	DH		
	A) Time				11/28/90	DH		
	B) Malfunctions				11/28/90	DH		
	C) Pierced Primers				11/28/90	DH		
	D) Optical Clarity of Scope				11/28/90	DH		
645	Inspect for Live Ammo				11/28/90	DH		
655	Final Inspection				11/29/90	JS		
	A) Headspace				11/29/90	JS		
	B) Trigger Pull	243	235	208	214	220	11/29/90	JS
	C) Function						11/29/90	JS
660	Pack						11/29/90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6587510

DATE 11-26-98

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.15	2.44	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.42	2.38	2.35	
PULL #3	2.18	2.50	2.40	2.08	
PULL #4	2.23	2.38	2.45	2.14	
PULL #5	2.13	2.37	2.47	2.20	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.33		
PULL #2	3.34	3.29		
PULL #3	3.36	3.33		
PULL #4	3.31	3.37		
PULL #5	3.31	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.18		4.19
PULL #2	4.17	4.10		4.15
PULL #3	4.18	4.24		4.20
PULL #4	4.21	4.26		4.15
PULL #5	4.25	4.14		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587510
28 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.10198
1 TO	2	.414695
1 TO	3	.399472
1 TO	4	.0478853
1 TO	5	.55198

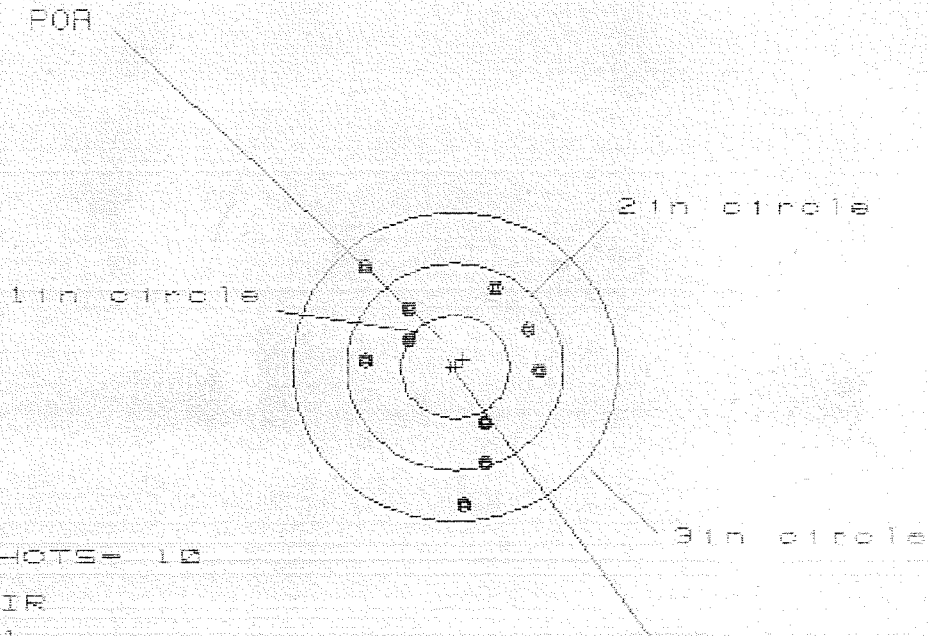
$\frac{3}{4} \frac{5}{2}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0952
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.045
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1053
THE AMR FOR THIS RIFLE IS: .8096

28 Nov 1938

FILE:/PATTERNING/CENTERFIRE_PATT/06587510

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.676

VS= 2.277

GS= 2.476

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.012	.824	.718
MINIMUM X	-.864	-.852	-.869
MAXIMUM Y	.943	.794	.707
MINIMUM Y	-1.334	-1.076	-.976
CENTROID X	-.076	-.088	.018
CENTROID Y	-.068	.001	-.019
POA TO CENTROID in.	.102	.120	.026
MIN RADIUS	.461	.397	.527
MEAN RADIUS	.851	.780	.729
MAX RADIUS	1.339	1.165	.992
HORIZONTAL SPREAD	1.676	1.676	1.587
VERTICAL SPREAD	2.277	1.870	1.683
EXTREME SPREAD	2.476	2.188	1.683
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

28 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587510

CENTERFIRE PATTERNS # 2

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS= 2.117

VS= 2.651

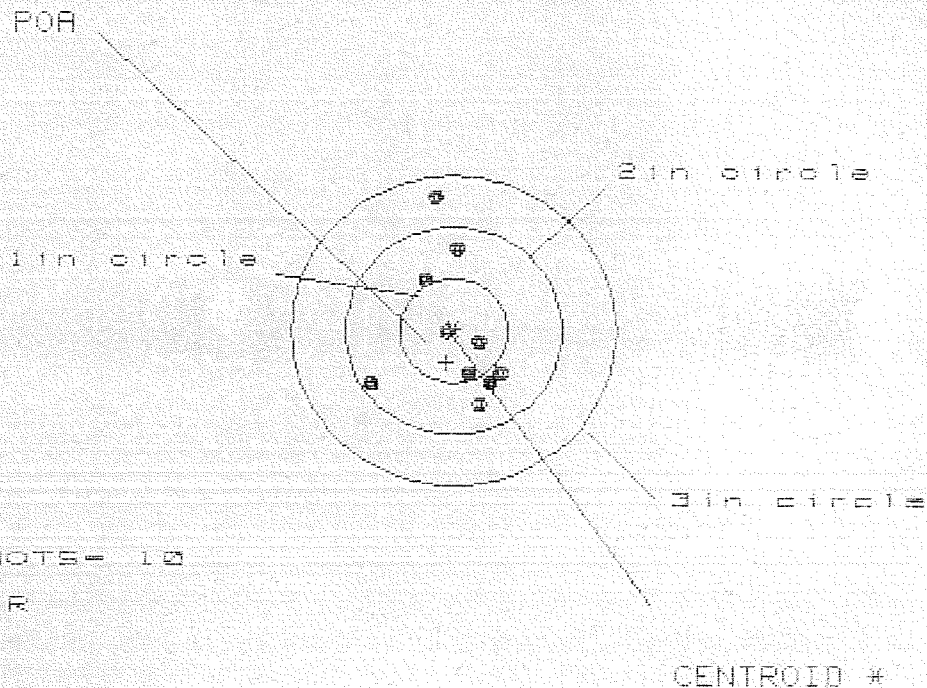
GS= 2.693

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.105	1.191	1.239
MINIMUM X	:	-1.012	-.926	-.878
MAXIMUM Y	:	1.276	1.089	.934
MINIMUM Y	:	-1.375	-1.233	-1.032
CENTROID X	:	.140	.054	.006
CENTROID Y	:	-.422	-.564	-.409
POB TO CENTROID in.	:	.444	.566	.409
MIN RADIUS	:	.576	.526	.442
MEAN RADIUS	:	1.008	.929	.872
MAX RADIUS	:	1.491	1.349	1.328
HORIZONTAL SPREAD	:	2.117	2.117	2.117
VERTICAL SPREAD	:	2.651	2.322	1.956
EXTREME SPREAD	:	2.693	2.323	2.282
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

29 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06567512

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.205

VS= 1.984

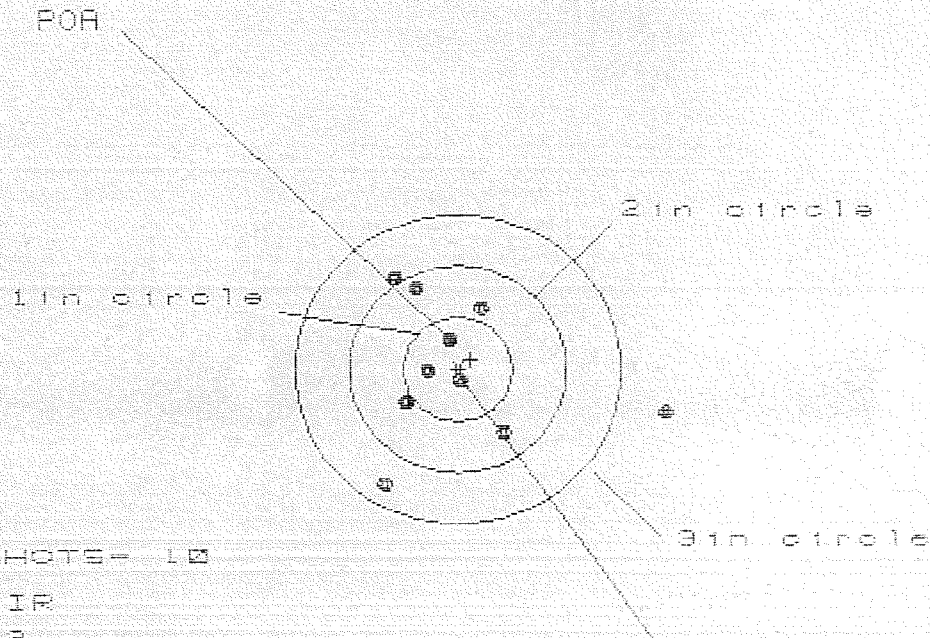
GS= 2.023

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.397	.382	.279
MINIMUM X	-.808	-.823	-.417
MAXIMUM Y	1.290	.939	.899
MINIMUM Y	-.694	-.551	-.591
CENTROID X	.067	.082	.185
CENTROID Y	.305	.162	.202
POA TO CENTROID in.	.312	.181	.274
MIN RADIUS	.100	.167	.129
MEAN RADIUS	.625	.525	.466
MAX RADIUS	1.298	.939	.904
HORIZONTAL SPREAD	1.205	1.205	.696
VERTICAL SPREAD	1.984	1.490	1.490
EXTREME SPREAD	2.023	1.509	1.509
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

28 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08587510

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.519

VS= 2.010

CS= 2.740

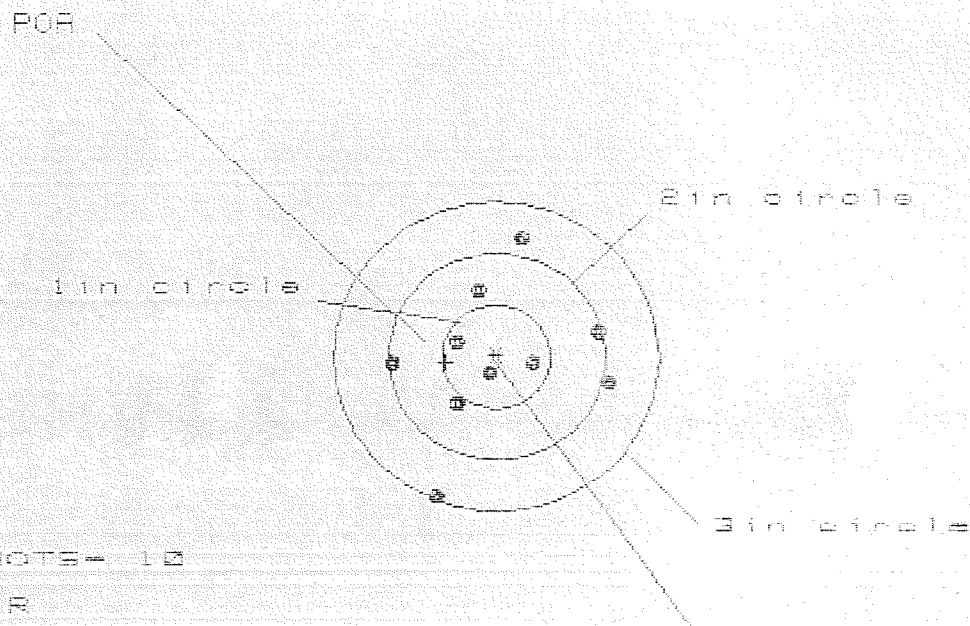
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.874	.633	.579
MINIMUM X	:	-.645	-.437	-.386
MAXIMUM Y	:	.892	.847	.701
MINIMUM Y	:	-1.118	-1.163	-.776
CENTROID X	:	-.118	-.326	-.272
CENTROID Y	:	-.091	-.046	.100
POA TO CENTROID in.	:	.149	.330	.289
MIN RADIUS	:	.125	.094	.117
MEAN RADIUS	:	.780	.619	.526
MAX RADIUS	:	1.917	1.242	.968
HORIZONTAL SPREAD	:	2.519	1.070	.965
VERTICAL SPREAD	:	2.010	2.010	1.477
EXTREME SPREAD	:	2.740	2.013	1.764
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587510

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 1.950

VS = 2.525

ES = 2.653

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.990	.930	.956
MINIMUM X	:	-.970	-1.030	-1.004
MAXIMUM Y	:	1.190	1.041	.656
MINIMUM Y	:	-1.335	-.581	-.451
CENTROID X	:	.463	.523	.497
CENTROID Y	:	.051	.200	.070
POB TO CENTROID IN.	:	.466	.560	.502
MIN RADIUS	:	.162	.322	.196
MEAN RADIUS	:	.784	.718	.651
MAX RADIUS	:	1.441	1.063	1.004
HORIZONTAL SPREAD	:	1.960	1.960	1.960
VERTICAL SPREAD	:	2.525	1.622	1.107
EXTREME SPREAD	:	2.653	1.976	1.976
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	