

C6498735

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smead®

09/10/08 10:30:10

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: RE00150682

Serial: C6498735 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status: Closed 9/9/2008 10:49:14 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: HHC 2/8

HHC 2/8

Address 1: BARKELEY AVE

BARKELEY AVE

Address 2: BLDG 2160

PO Box:

BLDG 2160

PO Box:

City: FORT CARSON

FORT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

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
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

9/10/2008

10:30 AM

EAPS

NUM

INS

SCPL



Serial Number: C6498735

Model: M24 SWS



RE00150682

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

R & B NUMBER		150682	
SERIAL NUMBER		06498735	
LOG-IN DATE		9-9-08	

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-22-08	RTZ
505	RE-BARREL	10-24-08	RTZ
560	ASSEMBLE	10-24-08	RTZ
600	PROOF	10-27-08	SPD
605	CHECK HEADSPACE	10-27-08	SPD
610	DIS-ASSEMBLE GUN	10-27-08	SPD
612	MAGNAFLUX	10/24/08	RB
510	DRILL AND TAP	10-28-08	SP
615	ROLLMARK CALIBER	10/29/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	1031	
625	FINAL ASSEMBLY	11-4-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	11-7-08 RT
650	TARGET	PASS FAIL	11-7-08 TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	11-7-08 X PD
670	FINAL INSPECTION		12-4-08 X PD
	A) HEADSPACE	PASS FAIL	12-4-08 X PD
	B) TRIGGER PULL	271 278 273 273 280	12-4-08 X PD
680	F) SAFETY ON FORCE	30 30 30	12-4-08 X PD
	G) SAFETY OFF FORCE	50 50 50	12-4-08 X PD
	I) FIRING PIN INDENT	.023 .023 .023	12-4-08 X PD
690	PACK		12/26/08 FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498735.___0
FILE DATE AND TIME: 11/07/2008 13:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

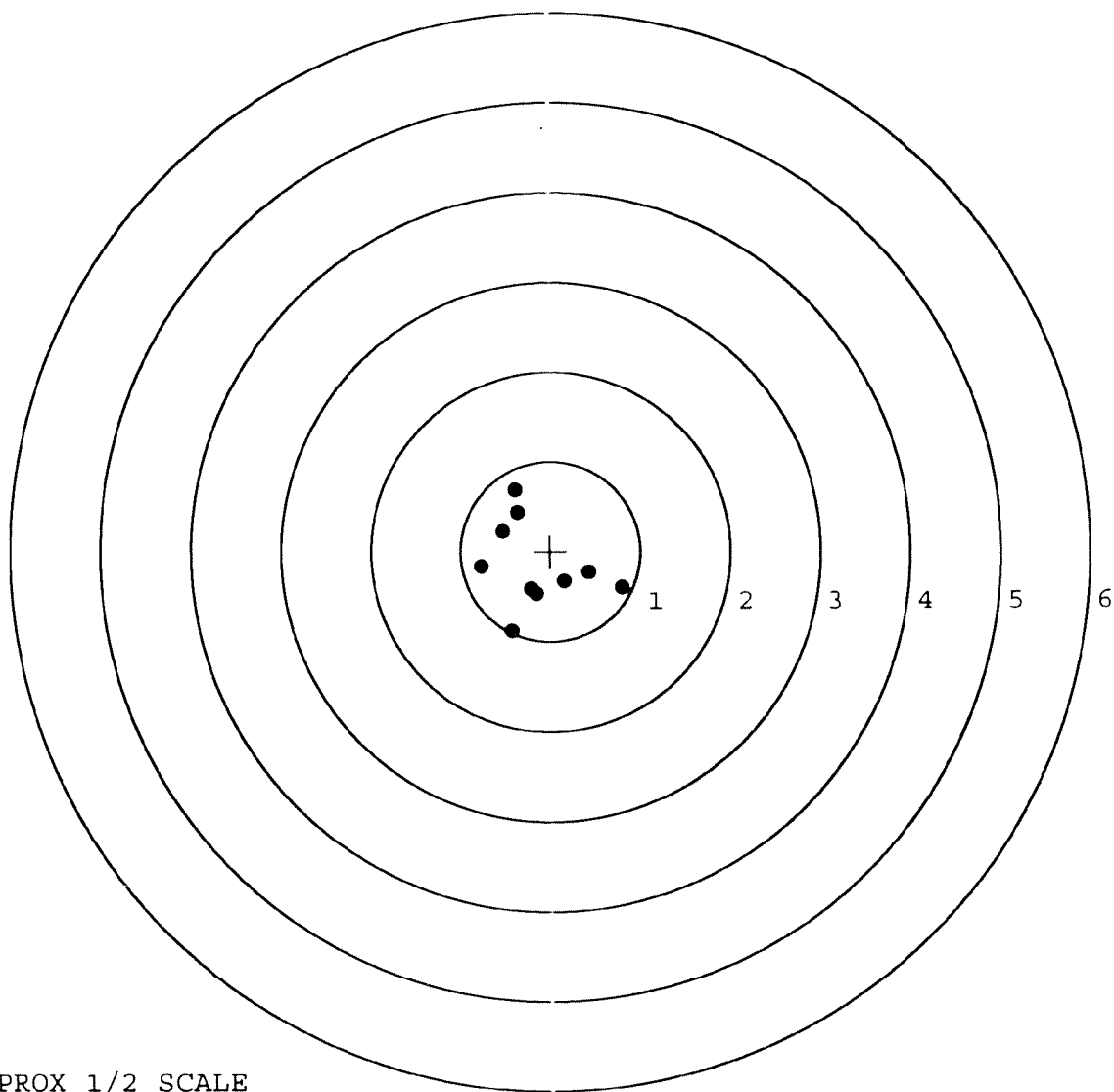
The Average X Centroid of the Five Target Set:	-0.119
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.121
The Average Mean Radius of the Five Target Set:	0.627
The Distance from POA to Centroid Target #1:	0.217
The Distance from Centroid Target #2 to Centroid Target #1:	0.183
The Distance from Centroid Target #3 to Centroid Target #1:	0.125
The Distance from Centroid Target #4 to Centroid Target #1:	0.129
The Distance from Centroid Target #5 to Centroid Target #1:	0.282

SERIAL NUMBER: C6498735. __0
TARGET NUMBER: 1
FILE DATE: 11/07/2008
FILE TIME: 13:45

X CENTROID: -0.146
Y CENTROID: -0.161
POA TO CENTROID: 0.217
HORZ SPREAD: 1.563
VERT SPREAD: 1.571
GROUP SPREAD: 1.607
MIN RADIUS: 0.270
MAX RADIUS: 0.972
MEAN RADIUS: 0.596

POINT#	X	Y
1:	-0.388	0.680
2:	-0.363	0.438
3:	-0.529	0.225
4:	-0.769	-0.173
5:	-0.430	-0.891
6:	0.794	-0.408
7:	0.431	-0.237
8:	0.159	-0.340
9:	-0.154	-0.479
10:	-0.214	-0.422

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __ 0

TARGET NUMBER: 2

FILE DATE: 11/07/2008

FILE TIME: 13:45

POINT#	X	Y
1:	0.616	1.233
2:	0.722	0.527
3:	-0.752	0.643
4:	0.107	-0.682
5:	0.255	-0.178
6:	-0.555	-0.634
7:	-0.528	-0.410
8:	-0.643	-0.151
9:	-0.403	-0.062
10:	-0.233	-0.062

X CENTROID: -0.141

Y CENTROID: 0.022

POA TO CENTROID: 0.143

HORZ SPREAD: 1.474

VERT SPREAD: 1.915

GROUP SPREAD: 2.204

MIN RADIUS: 0.125

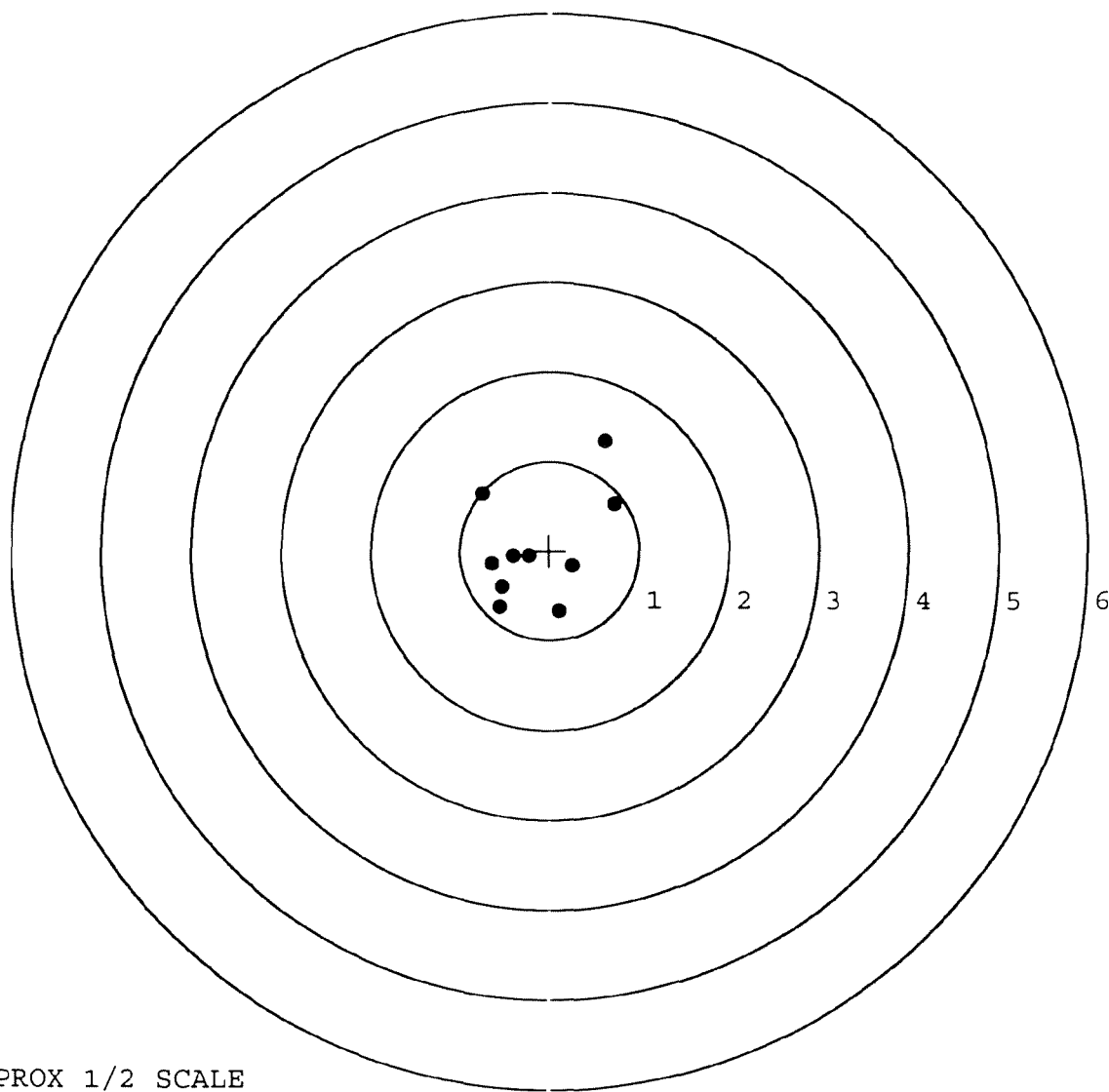
MAX RADIUS: 1.428

MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

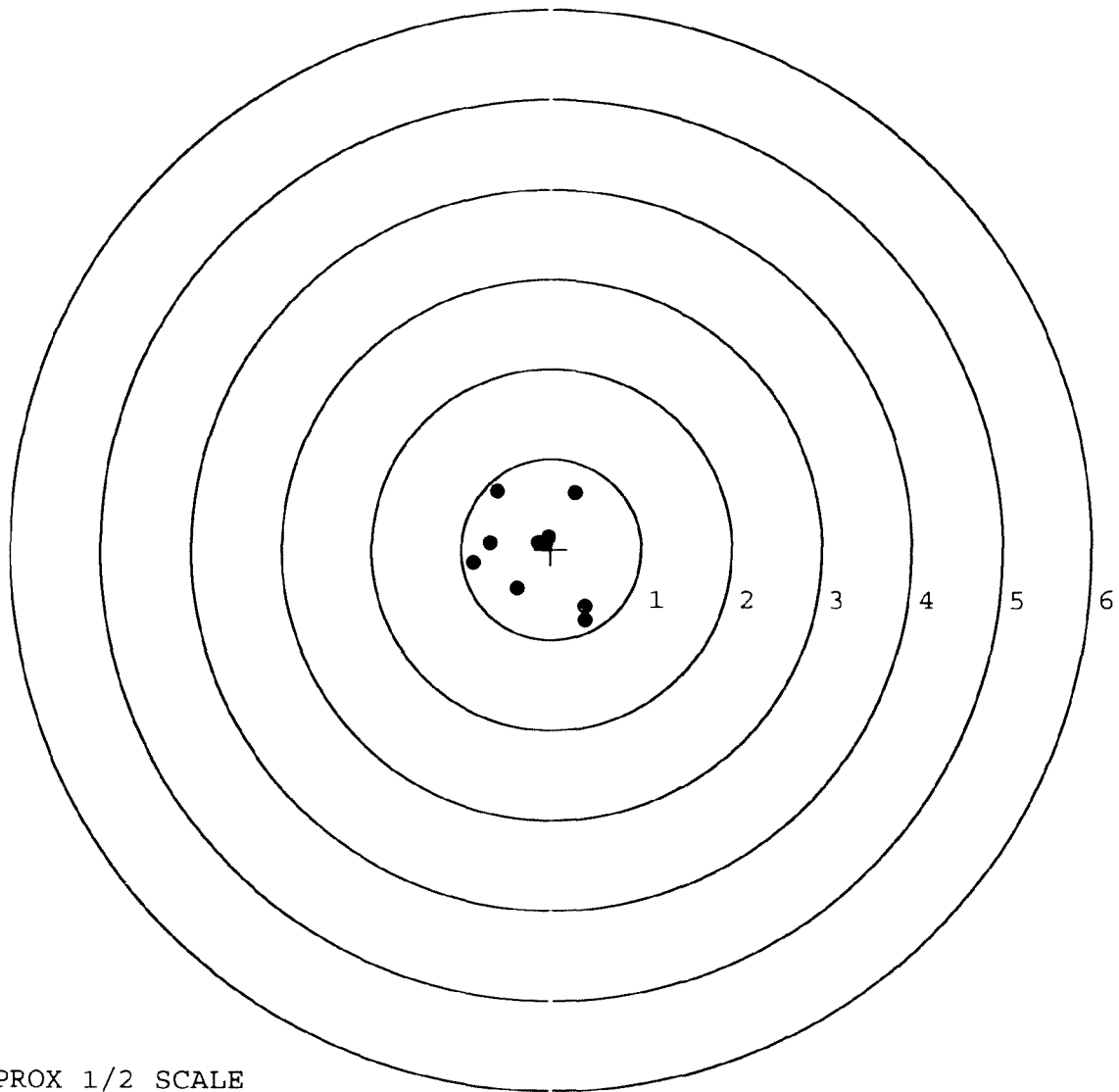


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __0
TARGET NUMBER: 3
FILE DATE: 11/07/2008
FILE TIME: 13:45

POINT#	X	Y
1:	0.273	0.630
2:	-0.596	0.641
3:	-0.680	0.074
4:	-0.862	-0.152
5:	-0.378	-0.436
6:	0.379	-0.782
7:	0.375	-0.633
8:	-0.139	0.078
9:	-0.024	0.136
10:	-0.063	0.059

X CENTROID: -0.172
Y CENTROID: -0.039
POA TO CENTROID: 0.176
HORZ SPREAD: 1.241
VERT SPREAD: 1.423
GROUP SPREAD: 1.725
MIN RADIUS: 0.121
MAX RADIUS: 0.925
MEAN RADIUS: 0.550
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __0

TARGET NUMBER: 4

FILE DATE: 11/07/2008

FILE TIME: 13:45

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

1:	0.431	-0.491
----	-------	--------

2:	0.044	-0.784
----	-------	--------

3:	-0.381	-0.546
----	--------	--------

4:	-0.916	-0.109
----	--------	--------

5:	-0.825	0.017
----	--------	-------

6:	-0.396	0.469
----	--------	-------

7:	0.280	0.427
----	-------	-------

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

9:	0.291	0.202
----	-------	-------

10:	0.054	0.166
-----	-------	-------

X CENTROID: -0.113

Y CENTROID: -0.036

POA TO CENTROID: 0.118

HORZ SPREAD: 1.347

VERT SPREAD: 1.253

GROUP SPREAD: 1.400

MIN RADIUS: 0.262

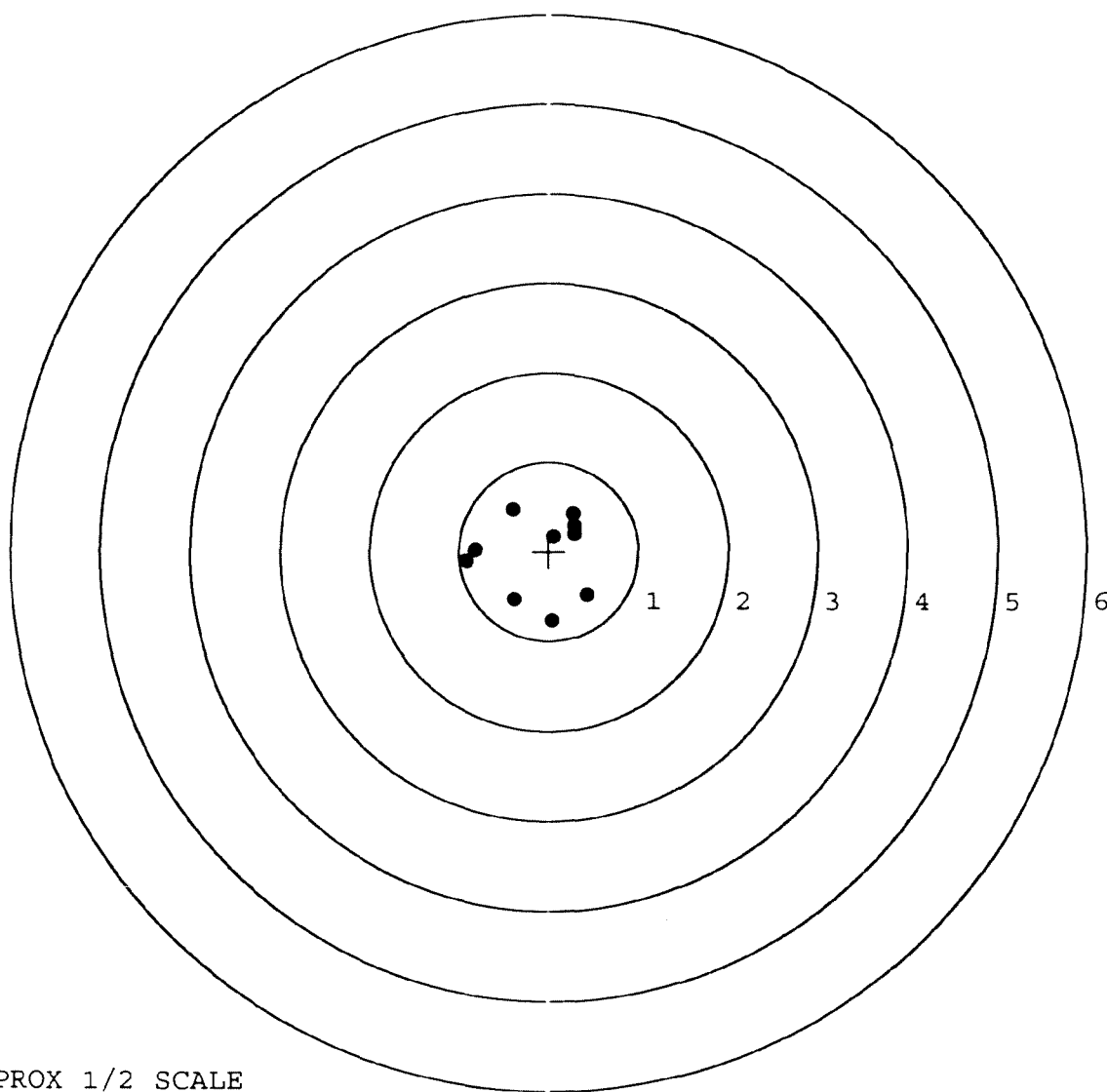
MAX RADIUS: 0.807

MEAN RADIUS: 0.601

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __0

TARGET NUMBER: 5

FILE DATE: 11/07/2008

FILE TIME: 13:45

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

1:	-0.417	1.347
----	--------	-------

2:	1.032	0.264
----	-------	-------

3:	0.178	0.536
----	-------	-------

4:	-0.252	0.422
----	--------	-------

5:	0.276	0.259
----	-------	-------

6:	0.269	-0.632
----	-------	--------

7:	-0.567	-0.598
----	--------	--------

8:	-0.538	-0.497
----	--------	--------

9:	-0.502	-0.411
----	--------	--------

10:	0.291	0.237
-----	-------	-------

X CENTROID: -0.023

Y CENTROID: 0.093

POA TO CENTROID: 0.096

HORZ SPREAD: 1.599

VERT SPREAD: 1.979

GROUP SPREAD: 2.095

MIN RADIUS: 0.342

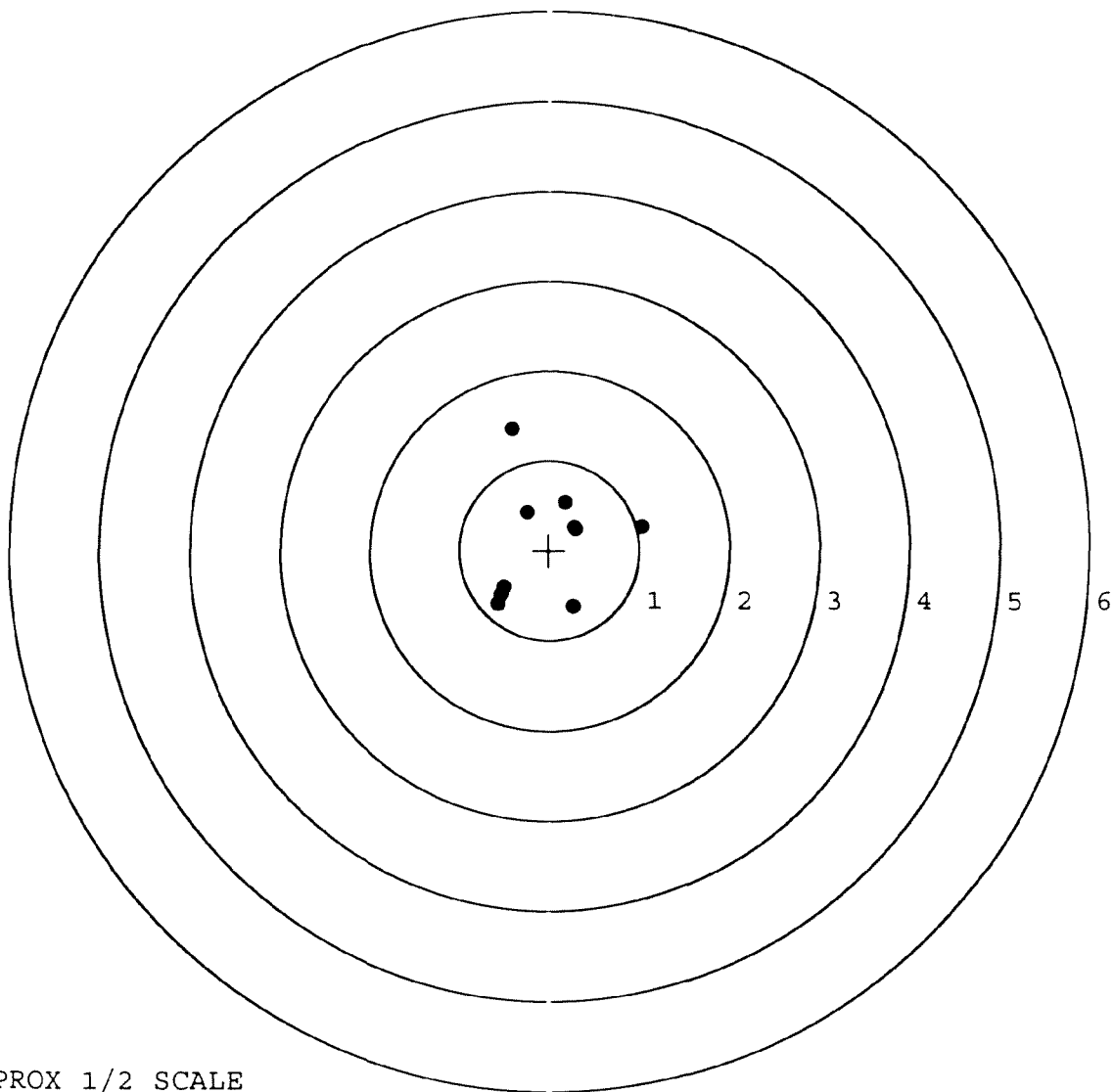
MAX RADIUS: 1.315

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00091053

Serial: C6498735 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairs:

Verify Repair

Status: Closed 1/12/2005 2:39:59 PM

Address Information

Customer:	☒ Received From	Return To:	☐ Received From
Name:	1 LT JOHNSON STAN L		1 LT JOHNSON STAN L
Address 1:	A D02/8 IN 410		A D02/8 IN 410
Address 2:	PO Box:		PO Box:
City:	FORT HOOD		FORT HOOD
State:	TX	Zip Code:	76544 Country: US

FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 254 288 6904

Fax:

Email:

Comments:

Received Condition

Good

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

negletj

1/17/2005

8:57 AM

C-OPS

NUM

INS

SCPL

start

3

Windows Explorer

Serial Number: C6498735

Model: M24 SWS



RE00091053

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498735.___0
FILE DATE AND TIME: 02/03/2005 09:14

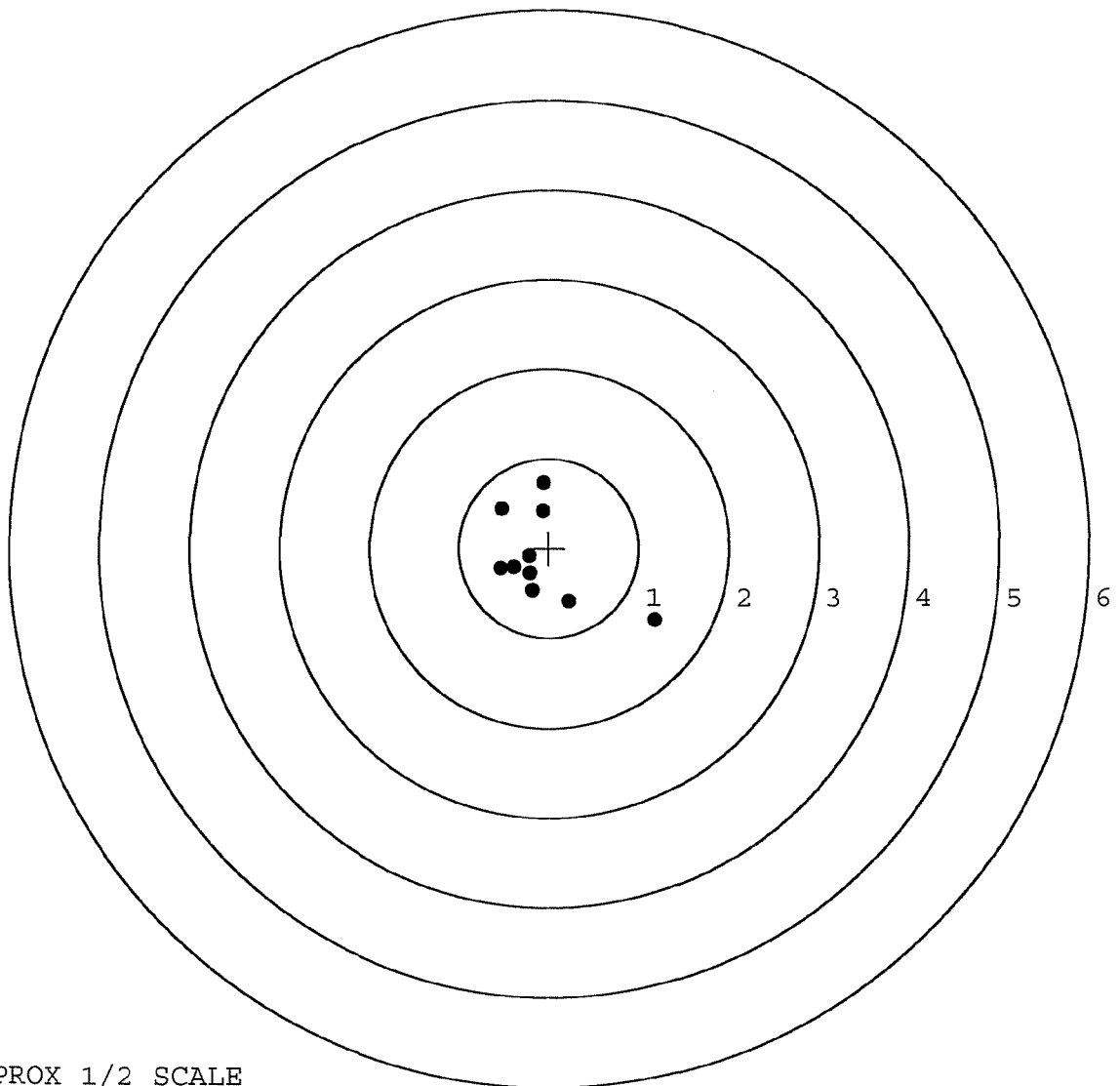
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.588
The Distance from POA to Centroid Target #1:	0.137
The Distance from Centroid Target #2 to Centroid Target #1:	0.123
The Distance from Centroid Target #3 to Centroid Target #1:	0.100
The Distance from Centroid Target #4 to Centroid Target #1:	0.146
The Distance from Centroid Target #5 to Centroid Target #1:	0.169

SERIAL NUMBER: C6498735. __0
TARGET NUMBER: 1
FILE DATE: 02/03/2005
FILE TIME: 09:14

X CENTROID: -0.079
Y CENTROID: -0.111
POA TO CENTROID: 0.137
HORZ SPREAD: 1.717
VERT SPREAD: 1.540
GROUP SPREAD: 2.119
MIN RADIUS: 0.138
MAX RADIUS: 1.439
MEAN RADIUS: 0.563
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.178	-0.812
2:	0.226	-0.595
3:	-0.539	-0.231
4:	-0.392	-0.216
5:	-0.180	-0.477
6:	-0.216	-0.092
7:	-0.068	0.419
8:	-0.065	0.728
9:	-0.528	0.445
10:	-0.210	-0.283



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __0

TARGET NUMBER: 2

FILE DATE: 02/03/2005

FILE TIME: 09:14

POINT#	X	Y
1:	0.440	-0.854
2:	0.304	-0.676
3:	0.306	-0.329
4:	0.522	0.178
5:	0.180	0.143
6:	0.025	-0.065
7:	-0.509	-0.252
8:	-0.647	-0.700
9:	-0.553	0.370
10:	0.363	1.005

X CENTROID: 0.043

Y CENTROID: -0.118

POA TO CENTROID: 0.126

HORZ SPREAD: 1.169

VERT SPREAD: 1.859

GROUP SPREAD: 1.982

MIN RADIUS: 0.056

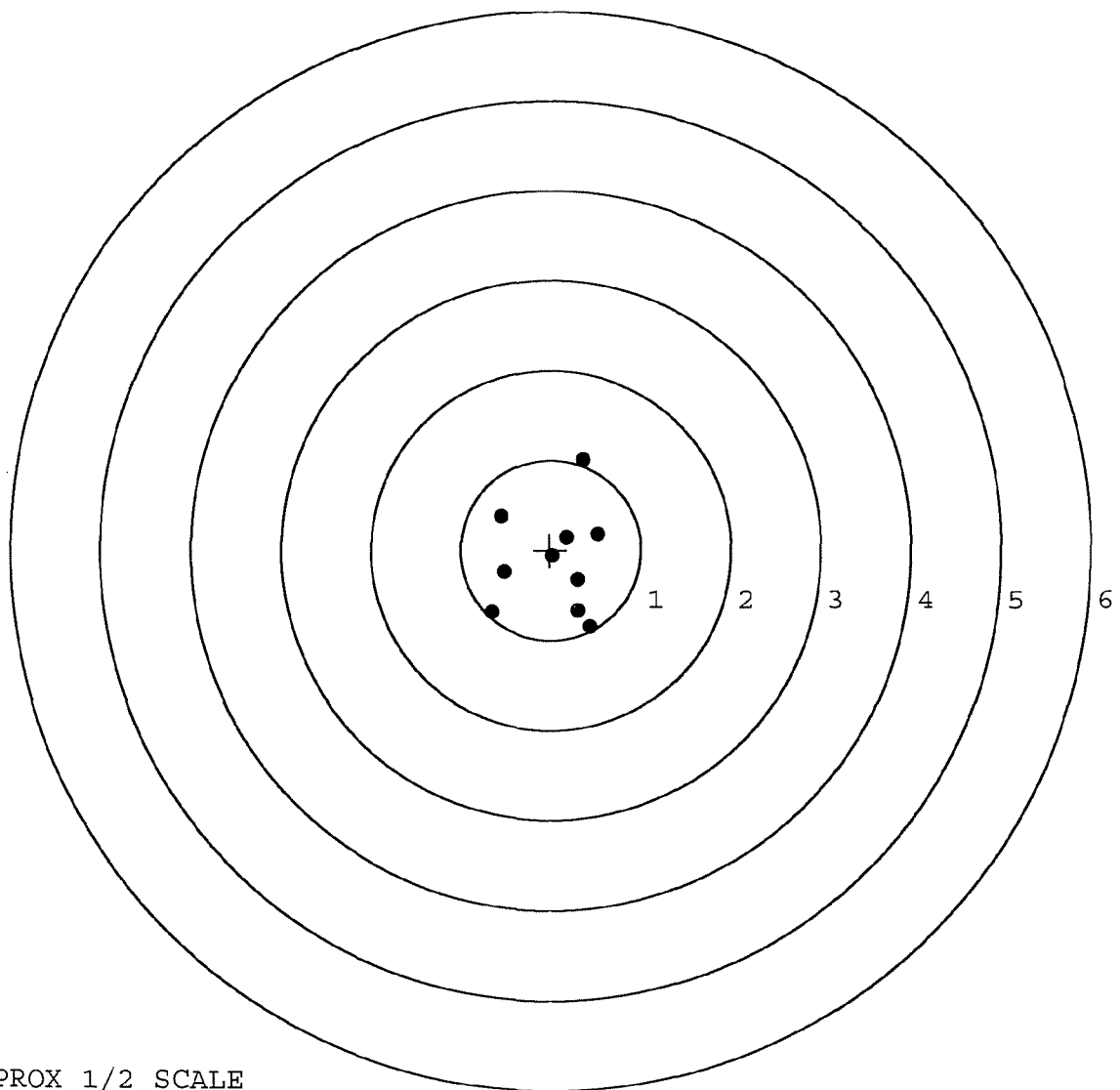
MAX RADIUS: 1.168

MEAN RADIUS: 0.611

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

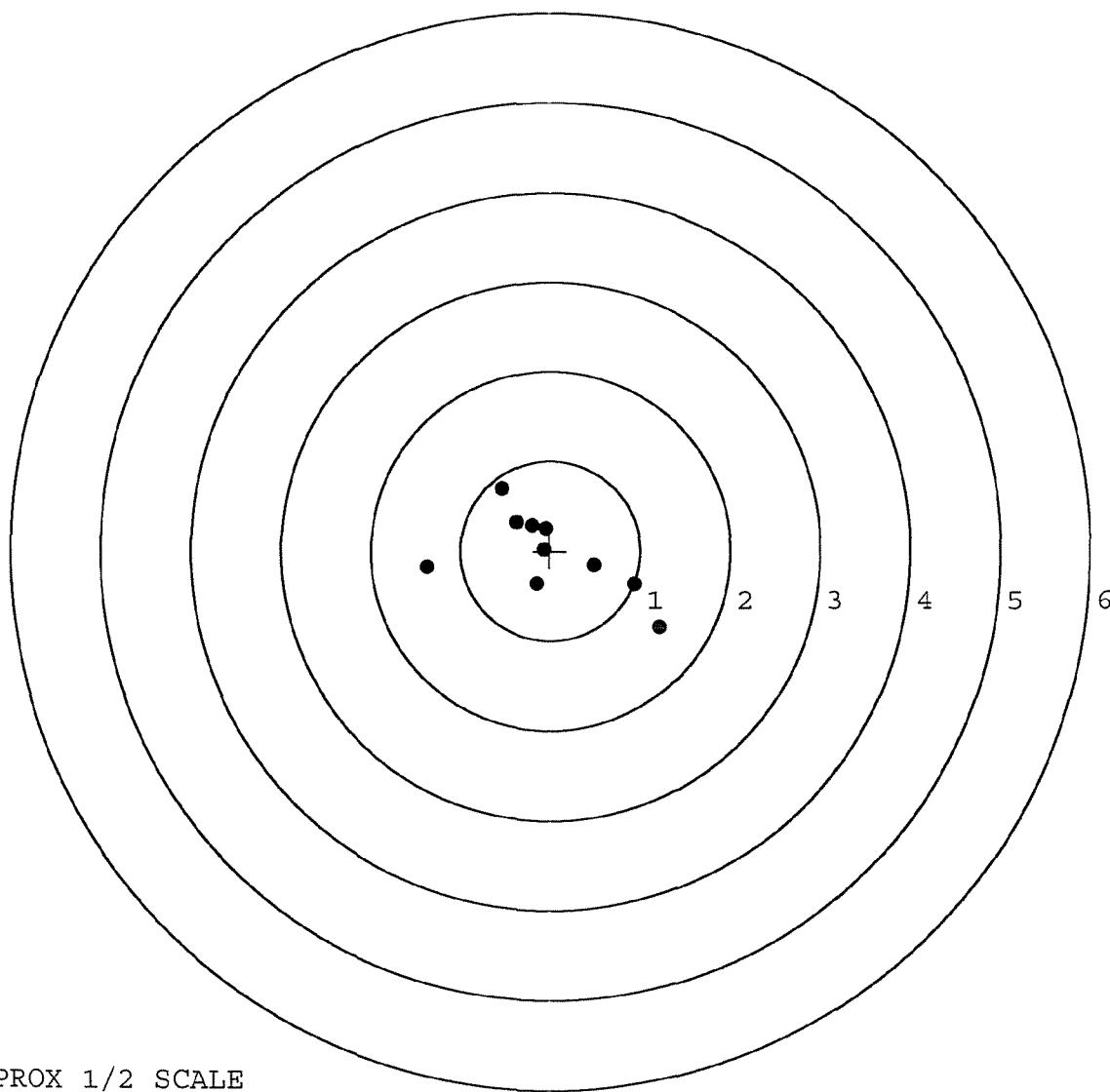


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __0
TARGET NUMBER: 3
FILE DATE: 02/03/2005
FILE TIME: 09:14

X CENTROID: -0.011
Y CENTROID: -0.038
POA TO CENTROID: 0.040
HORZ SPREAD: 2.582
VERT SPREAD: 1.548
GROUP SPREAD: 2.668
MIN RADIUS: 0.073
MAX RADIUS: 1.469
MEAN RADIUS: 0.688
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.211	-0.855
2:	0.938	-0.379
3:	0.488	-0.164
4:	-0.540	0.693
5:	-1.371	-0.185
6:	-0.148	-0.369
7:	-0.061	0.015
8:	-0.046	0.248
9:	-0.200	0.286
10:	-0.377	0.326



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735.___0

TARGET NUMBER: 4

FILE DATE: 02/03/2005

FILE TIME: 09:14

X CENTROID: -0.039

Y CENTROID: 0.029

POA TO CENTROID: 0.049

HORZ SPREAD: 1.696

VERT SPREAD: 1.554

GROUP SPREAD: 1.796

MIN RADIUS: 0.189

MAX RADIUS: 0.931

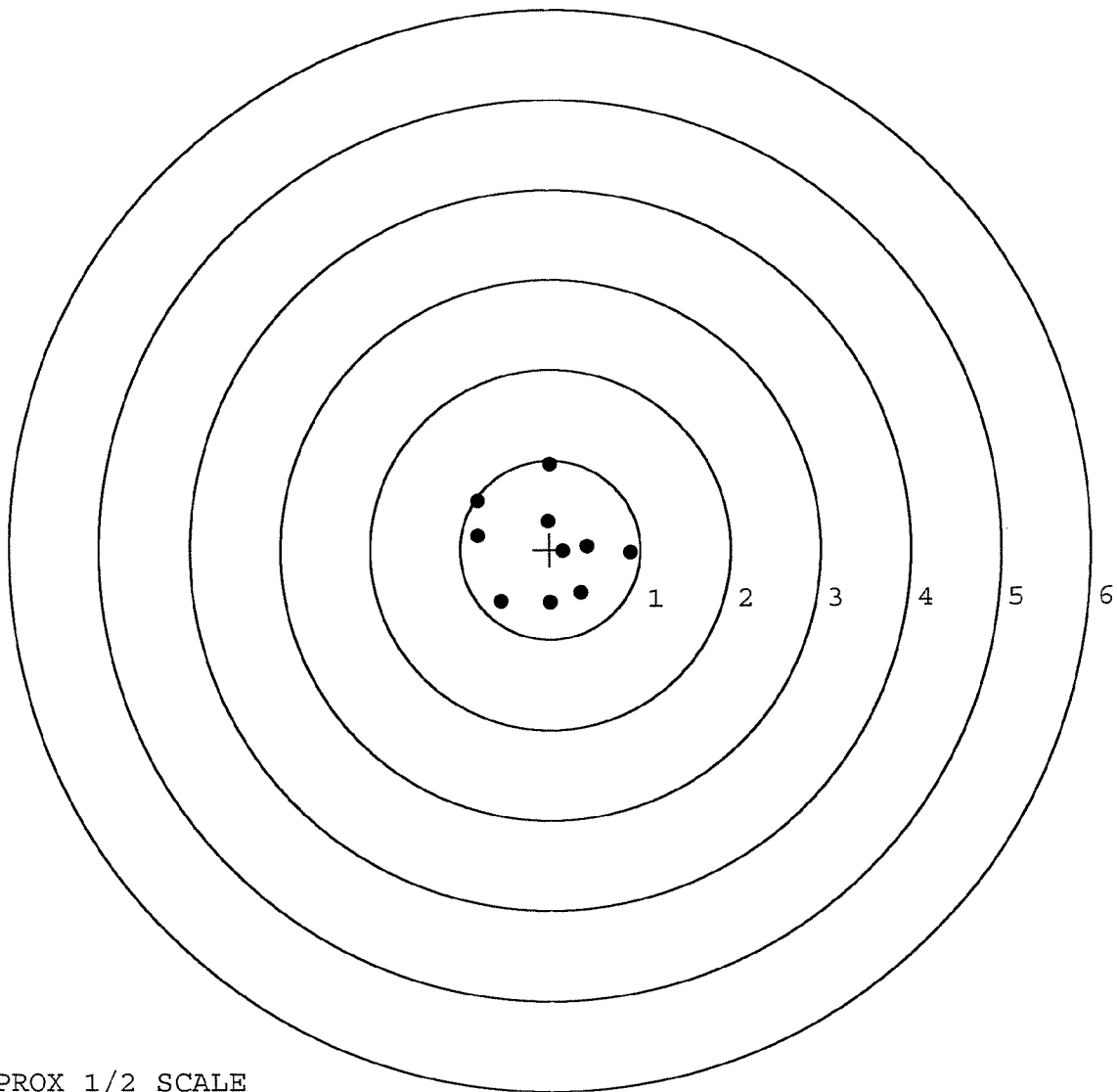
MEAN RADIUS: 0.655

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.890	-0.040
2:	0.341	-0.488
3:	0.001	-0.596
4:	-0.546	-0.581
5:	-0.802	0.158
6:	-0.806	0.550
7:	0.005	0.958
8:	-0.023	0.319
9:	0.143	-0.023
10:	0.410	0.036

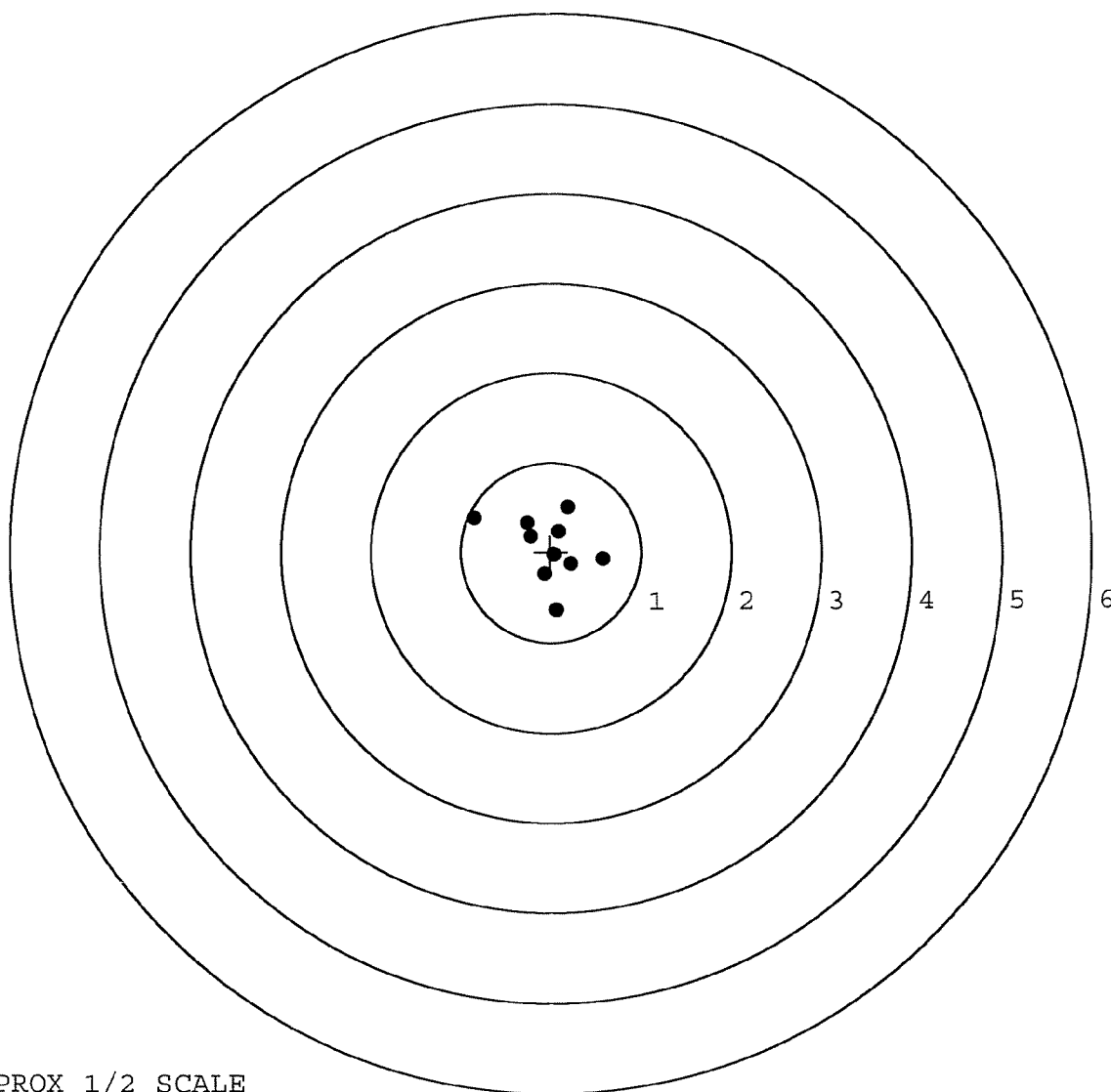


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498735. __0
TARGET NUMBER: 5
FILE DATE: 02/03/2005
FILE TIME: 09:14

X CENTROID: -0.023
Y CENTROID: 0.047
POA TO CENTROID: 0.053
HORZ SPREAD: 1.424
VERT SPREAD: 1.151
GROUP SPREAD: 1.499
MIN RADIUS: 0.095
MAX RADIUS: 0.891
MEAN RADIUS: 0.423
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.065	-0.649
2:	0.577	-0.082
3:	0.187	0.502
4:	-0.847	0.385
5:	-0.266	0.329
6:	-0.070	-0.251
7:	0.224	-0.135
8:	0.091	0.227
9:	-0.224	0.175
10:	0.037	-0.027



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 1-18-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.76		2.57	
PULL #2	2.71	2.34		2.60	
PULL #3	2.61	2.35		2.55	
PULL #4	2.73	2.26		2.89	
PULL #5	2.56	2.24		2.52	
TOTAL	13.15	11.95		13.13	
AVERAGE	2.63	2.39		2.62	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.30		
PULL #2	3.04	3.43		
PULL #3	3.18	3.33		
PULL #4	3.18	3.30		
PULL #5	3.32	3.25		
TOTAL	16.21	16.61		
AVERAGE	3.24	3.32		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.16	4.28		3.99
PULL #2	4.20	4.26		4.14
PULL #3	4.20	4.21		4.23
PULL #4	4.57	3.99		4.57
PULL #5	4.19	4.22		4.23
TOTAL	21.32	20.96		21.16
AVERAGE	4.26	4.19		4.23

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

R & E NUMBER	91053		
SERIAL NUMBER	C6498735		
LOG-IN DATE	1-12-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-12-05	RTZ
560 A	RE-BARREL	1-12-05	RTZ
B	DRILL AND TAP	1-26-05	TRW
575	ASSEMBLE		
600	PROOF	1-26-05	AC
605	CHECK HEADSPACE	1-26-05	AC
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	1-27-05	CW
618	ROTO-BLAST	1-27-05	LB
620	APPLY COATINGS	1-29-05	HP
625 A	FINAL ASSEMBLY	1-31-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	2-2-05	AC
655	FINAL INSPECT	2-11-05	RTZ
660	PACK	2-11-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER <i>44-389410</i>	1b. CUSTOMER UNIT NAME <i>450 738th CAB</i>	1c. PHONE NO <i>288-5886</i>	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE	2c. MCSR		4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID	7. NSN <i>100501124021361</i>		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL <i>M724</i>				15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		
9. NOUN <i>Sniper Rifle</i>				16. MILES/KILOMETERS/HOURS/ROUNDS		
10a. ORG WON/DOC NO				16. MILES/KILOMETERS/HOURS/ROUNDS M K		
10b. EIC				H R		
11. SERIAL NUMBER <i>K-16478735</i>		12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				20. ADMIN NO		
21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)				22. LEVEL OF WORK		
23. SIGNATURE				24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)		
25. REMARKS <i>Magazine floor plate screw; Bipod legs loose; Barrel needs greasing</i>						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank. SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT. SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.				SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.		
34a. SUBMITTED BY <i>J. B. Bileman</i>				Block 34a. Enter first initial and last name of submitter.		
35a. ACCEPTED BY				Block 34b. Enter ordinal date submitted (YYDDD).		
35c. DATE <i>04329</i>				Block 35a. Enter first initial and last name of person accepting maint. request.		
34b. DATE				Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.		
35b. STATUS				Block 35c. Enter ordinal date accepted (YYDDD).		
35d. TIME				Block 35d. Enter military time.		

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1




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

MODEL 700™ H24

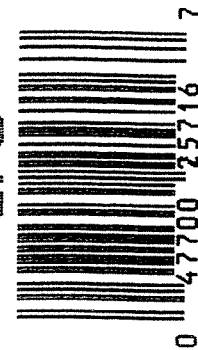
SERIAL NO.
C6498735

ORDER NO.
5716

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

Ø1

UPC



5716 C6498735

M-24

CONTRACT # DAAA21-87-C-0086GUN SERIAL # *C6498735*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	90	<i>Rw</i>
600	Proof	4 12	90	<i>A</i>
607	Check Headspace	4 12	90	<i>A</i>
610	Dis-assemble Gun	4 12	90	<i>Rw</i>
612	Magnaflux Barrel Action	<i>4-19-90</i>		<i>KCR</i>
	Magnaflux Bolt	<i>4-19-90</i>		<i>KCR</i>
615	Rollmark Caliber	<i>4-19-90</i>		<i>SL</i>
617	Drill and Tap Sight Holes		<i>4/23/90</i>	<i>LB</i>
618	Polish Barrel <i>RVB</i>		<i>4/24/90</i>	<i>LB</i>
620	Apply Coatings (Barrel Action)		<i>4-20-90</i>	<i>TJA</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		<i>5/1/90</i>	<i>Rw</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>5/1/90</i>	<i>Rw</i>
	C) Inspect Ejector Hole for Chamfer		<i>5/1/90</i>	<i>Rw</i>
	D) Oil Firing Pin Ass'y		<i>5/1/90</i>	<i>Rw</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>5/21/90</i>	<i>SL</i>

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 3/4	5/21/90	WB
	G) Safety Off Force	2	2	2	5/21/90	WB
	H) Trigger Pull Test & Retainability				5/21/90	JA
	I) Firing Pin Indent	.0235	.0235	.0235	5/21/90	WB
	J) Assemble Stock				5/21/90	RW
	K) Assemble Swivel Studs				24 May 90	JB
	L) Attach Front and Rear Sight Assemblies				5/21/90	RW
	M) Iron Sight Alignment				5/21/90	RW
	N) Detach Front & Rear Sights & place in numbered container				5/21/90	RW
	O) Attach Scope to Rifle				5/21/90	WB
	P) Detach & Attach Scope 20 Times				5/21/90	WB
640	Gallery Target & Test				5/22/90	DA
	A) Time				"	DA
	B) Malfunctions				"	DA
	C) Pierced Primers				"	DA
	D) Optical Clarity of Scope				"	DA
645	Inspect for Live Ammo				5/22/90	DA
655	Final Inspection					
	A) Headspace				24 May 90	JB
	B) Trigger Pull	271	253	249	24 May 90	JB
	C) Function				24 May 90	JB
660	Pack				6/9/90	DA

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498735
23 May 1990

CENTROIDAL DISTANCES

0 TO	1	.222173
1 TO	2	.467189
1 TO	3	.375985
1 TO	4	.12659
1 TO	5	.204352

24 X----POA

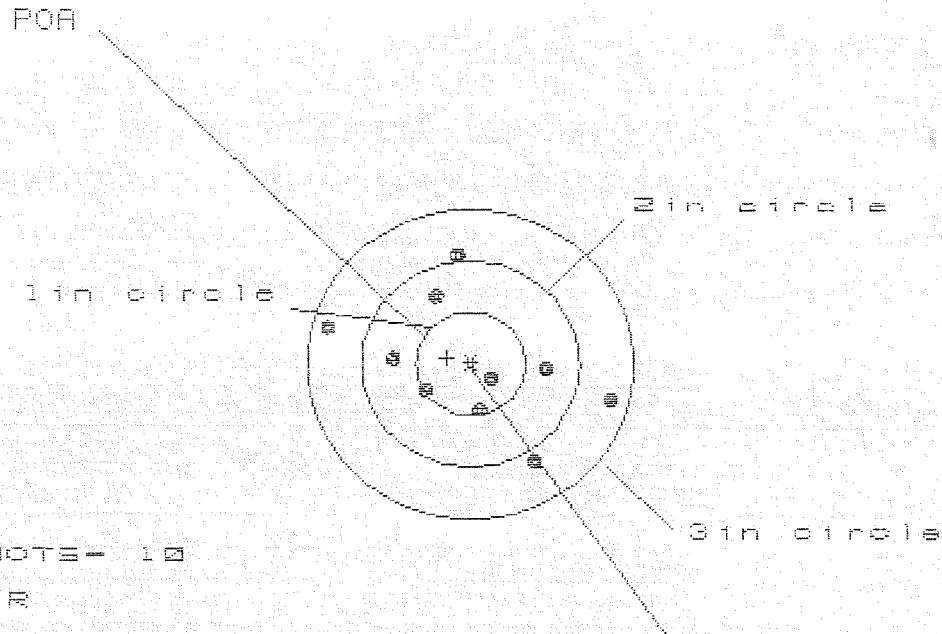
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0612
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1034
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120154

THE AMR FOR THIS RIFLE IS: .8372

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8438735

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.566

VS= 2.017

GS= 2.647

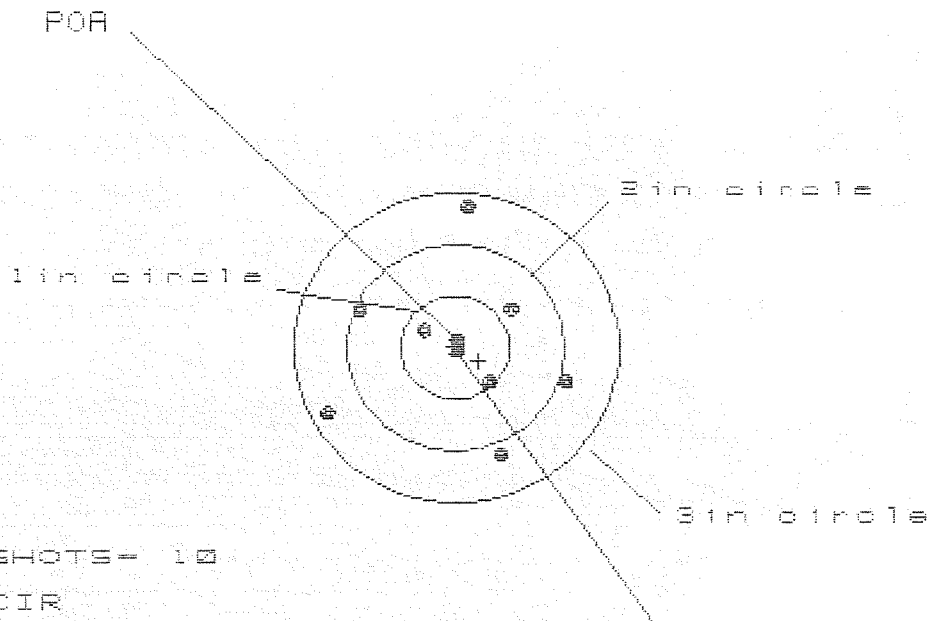
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.277	1.133	.635
MINIMUM X	-1.289	-.821	-.679
MAXIMUM Y	1.098	1.136	1.102
MINIMUM Y	-.919	-.881	-.915
CENTROID X	.215	.359	.217
CENTROID Y	-.056	-.094	-.060
POA TO CENTROID in.	.222	.371	.225
MIN RADIUS	.276	.155	.273
MEAN RADIUS	.808	.733	.678
MAX RADIUS	1.334	1.165	1.107
HORIZONTAL SPREAD	2.566	1.954	1.314
VERTICAL SPREAD	2.017	2.017	2.017
EXTREME SPREAD	2.647	2.135	2.135
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

22 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG498735

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS= 2.135

VS= 2.404

GS= 2.419

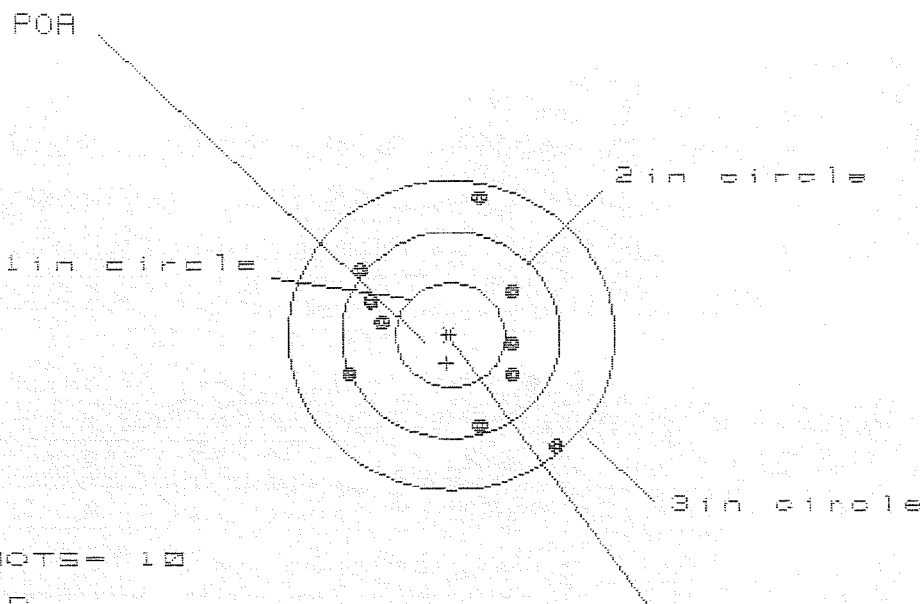
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.989	1.000	.858
MINIMUM X	:	-1.146	-1.135	-1.012
MAXIMUM Y	:	1.358	.538	.475
MINIMUM Y	:	-1.046	-.895	-.959
CENTROID X	:	-.214	-.225	-.083
CENTROID Y	:	.129	-.022	.042
POA TO CENTROID in.	:	.250	.226	.093
MIN RADIUS	:	.068	.090	.160
MEAN RADIUS	:	.735	.680	.589
MAX RADIUS	:	1.361	1.243	1.118
HORIZONTAL SPREAD	:	2.135	2.135	1.870
VERTICAL SPREAD	:	2.404	1.433	1.433
EXTREME SPREAD	:	2.419	2.154	2.018
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498735

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

IS= 1.925

VS= 2.382

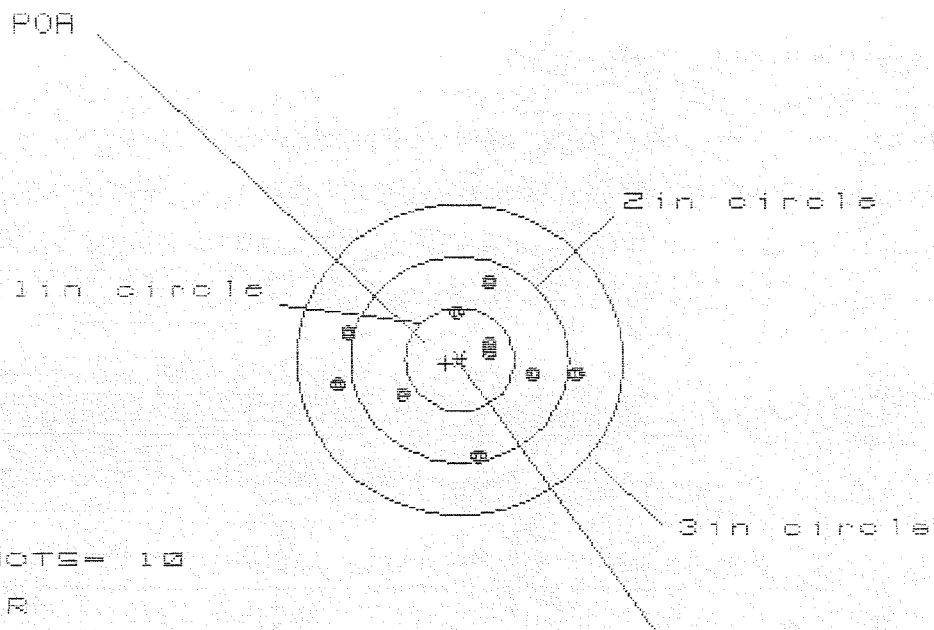
CS= 2.497

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.992	.717	.769
MINIMUM X	:	-.933	-.823	-.771
MAXIMUM Y	:	1.306	1.187	.625
MINIMUM Y	:	-1.076	-.988	-.840
CENTROID X	:	.033	-.077	-.129
CENTROID Y	:	.273	.392	.244
POA TO CENTROID in.	:	.275	.399	.276
MIN RADIUS	:	.542	.561	.540
MEAN RADIUS	:	.919	.851	.788
MAX RADIUS	:	1.463	1.259	.938
HORIZONTAL SPREAD	:	1.925	1.540	1.540
VERTICAL SPREAD	:	2.382	2.175	1.465
EXTREME SPREAD	:	2.497	2.176	1.833
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

22 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C649B735

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.211

VS= 1.679

GS= 2.215

CENTROID #

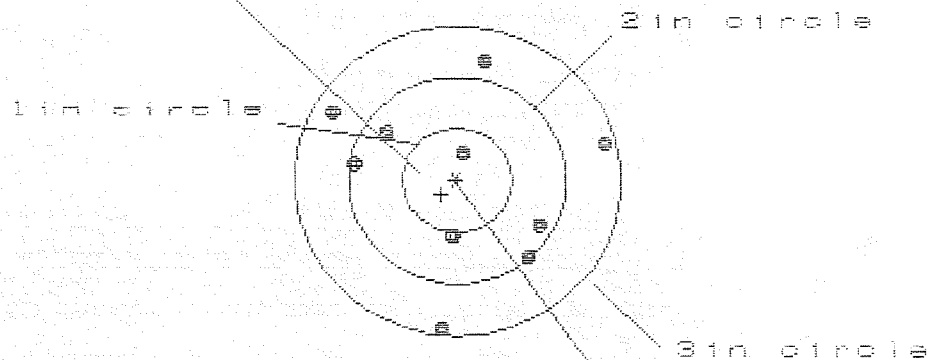
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.062	.935	.625
MINIMUM X	:	-1.149	-1.149	-1.032
MAXIMUM Y	:	.761	.736	.722
MINIMUM Y	:	-.918	-.943	-.957
CENTROID X	:	.127	.254	.138
CENTROID Y	:	.035	.060	.074
POA TO CENTROID in.	:	.132	.261	.156
MIN RADIUS	:	.296	.183	.266
MEAN RADIUS	:	.745	.664	.645
MAX RADIUS	:	1.170	1.171	1.053
HORIZONTAL SPREAD	:	2.211	2.084	1.658
VERTICAL SPREAD	:	1.679	1.679	1.679
EXTREME SPREAD	:	2.215	2.110	1.698
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

22 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C649B735

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 3

HS= 2.532

VS= 2.609

GS= 2.649

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.340	1.318	.909
MINIMUM X	-1.192	-1.214	-1.049
MAXIMUM Y	1.129	.965	.994
MINIMUM Y	-1.480	-.900	-.871
CENTROID X	.145	.167	.002
CENTROID Y	.136	.301	.272
FOR TO CENTROID in.	.199	.344	.272
MIN RADIUS	.226	.061	.198
MEAN RADIUS	.979	.904	.845
MAX RADIUS	1.492	1.338	1.180
HORIZONTAL SPREAD	2.532	2.532	1.958
VERTICAL SPREAD	2.609	1.865	1.865
EXTREME SPREAD	2.649	2.548	2.316
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06498735

DATE 5/21/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.57	2.16	2.71	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.42	2.25	2.53	
PULL #3	2.50	2.50	2.12	2.49	
PULL #4	2.34	2.33	2.50	2.47	
PULL #5	2.37	2.36	2.51	2.39	
TOTAL	11.59	12.18	11.54		
AVG.	2.318	2.436	2.308		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.38		
PULL #2	3.30	3.37		
PULL #3	3.45	3.32		
PULL #4	3.40	3.34		
PULL #5	3.31	3.38		
TOTAL	16.84	16.79		
AVG.	3.368	3.358		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.29		4.14
PULL #2	4.24	4.25		4.13
PULL #3	4.23	4.34		4.43
PULL #4	4.25	4.32		4.31
PULL #5	4.14	4.29		4.41
TOTAL	21.29	21.49		21.42
AVG.	4.258	4.298		4.284