

06587705

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



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: RE00147461

Serial: C6587705 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/9/2008 12:37:14 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: 4/4 ID ATTN: POST ARMS ROOM

4/4 ID ATTN: POST ARMS ROOM

Address 1: POC: BARRY COKER CENT RECEIVING POINT

POC: BARRY COKER CENT RECEIVING POINT

Address 2: 4885 CHILES AVENUE

PO Box:

4885 CHILES AVENUE

PO Box:

City: FT CARSON

FT 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
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

7/9/2008

3:38 PM

CAPS

NUM

INS

SCRL

Number: C6587705

Model: M24 SWS



RE00147461

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

R & E NUMBER 147461
SERIAL NUMBER C6587705
LOG-IN DATE 7-9-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN		
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF	<i>Clean Insp</i>	<i>7-16-08 RTZ</i>
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
510	DRILL AND TAP		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	<u>PASS</u> FAIL	<i>7-17-08 TRW</i>
650	TARGET	<u>PASS</u> FAIL	<i>7-17-08 TRW</i>
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		<i>7/17/08 MED</i>
	A) HEADSPACE	<u>PASS</u> FAIL	<i>7/18/08 FM</i>
	B) TRIGGER PULL		
	4.5 LBS MIN 2.50 LBS MAX 4.0 LBS		
680	F) SAFETY ON FORCE	<i>5 5 5</i>	<i>7/18/08 FM</i>
	G) SAFETY OFF FORCE	<i>4 4 4</i>	<i>7/18/08 FM</i>
	I) FIRING PIN INDENT	<i>.022 .022 .022</i>	<i>7/18/08 FM</i>
690	PACK		<i>7/18/08 FM</i>

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER 443 PLO	1b. CUSTOMER UNIT NAME C-60 1-12	1c. PHONE NO 586-6479	3a. WORK ORDER NUMBER (WON) _____		3b. SHOP _____	3c. PHONE NO _____	
2a. SAMS-2 UIC/SAMS-I/TDA _____	2b. UTILIZATION CODE _____	2c. MCSR _____	4a. UIC SUPPORT UNIT _____		4b. SUPPORT UNIT NAME _____		
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE _____	6. ID _____	7. NSN 1005-01-270-2136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL Rifle 7.62mm			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K		
9. NOUN Sniper m24			17. PROJECT CODE (if assigned) _____		18. ACCOUNT PROCESSING CODE _____	19. IN WARRANTY? (enter Y or N) _____	20. ADMIN NO _____
10a. ORG WON/DOC NO _____			10b. EIC _____		21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N) _____		
11. SERIAL NUMBER 65877 P5			12. QTY 91		13. PD _____		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) _____							
22. LEVEL OF WORK _____							
23. SIGNATURE <i>D. D. Jones</i>							
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) Reset							
25. REMARKS _____							
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 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.			
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.							
34a. SUBMITTED BY LCPL Jones				Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.			
34b. DATE _____				35a. ACCEPTED BY _____			
35b. STATUS _____				35c. DATE _____			
35d. TIME _____							

DA FORM 2407, JUL 94

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

RECEIPT COPY 1

NMP COPY 2

Repair Inquiry

Repair Number: RE00108325

Serial: C6587705 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 2/13/2006 2:28:21 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: B CO 2 BSB SHOP OFFICE

B CO 2 BSB SHOP OFFICE

Address 1: 2D BDE 21.D

2D BDE 21.D

Address 2: PO Box:

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: 719 524 5365

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	BiPod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/13/2006

3:18 PM

CAPS

NUM

INS

SCAL

start

Inbox - Mi...

Arms Serv...

3 Intern...

Part Seare...

Microsoft ...

3:18 PM

Serial Number: C6587705

Model: M24 SWS



RE00108325

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587705.___0
FILE DATE AND TIME: 04/24/2006 08:22

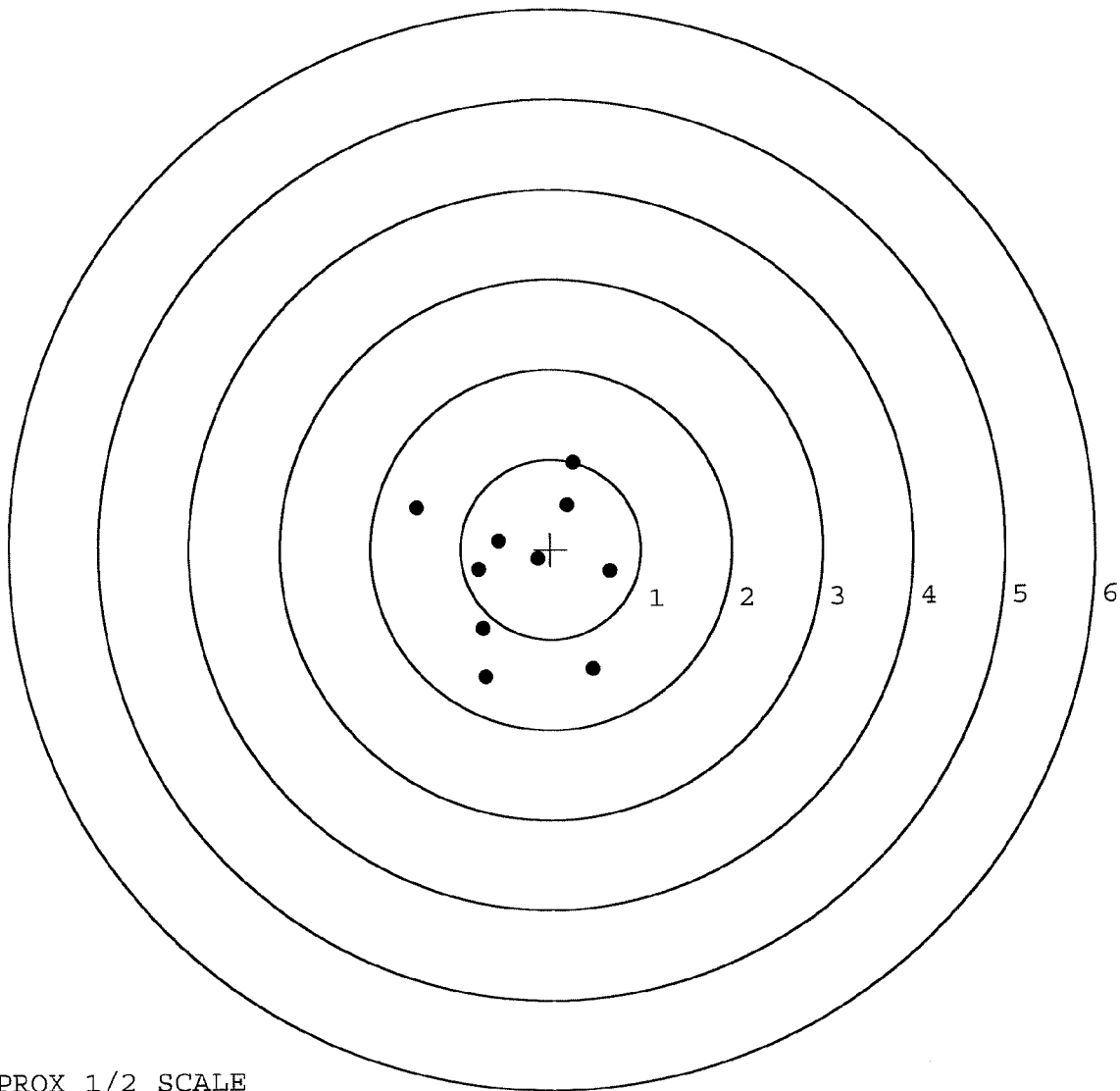
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.708
The Distance from POA to Centroid Target #1:	0.366
The Distance from Centroid Target #2 to Centroid Target #1:	0.492
The Distance from Centroid Target #3 to Centroid Target #1:	0.257
The Distance from Centroid Target #4 to Centroid Target #1:	0.217
The Distance from Centroid Target #5 to Centroid Target #1:	0.511

SERIAL NUMBER: C6587705. __0
 TARGET NUMBER: 1
 FILE DATE: 04/24/2006
 FILE TIME: 08:22

POINT#	X	Y
1:	0.466	-1.339
2:	-0.727	-1.415
3:	-0.757	-0.881
4:	0.656	-0.249
5:	-0.145	-0.111
6:	-0.579	0.099
7:	-0.803	-0.226
8:	-1.483	0.471
9:	0.189	0.492
10:	0.255	0.963

X CENTROID: -0.293
 Y CENTROID: -0.220
 POA TO CENTROID: 0.366
 HORZ SPREAD: 2.139
 VERT SPREAD: 2.378
 GROUP SPREAD: 2.660
 MIN RADIUS: 0.183
 MAX RADIUS: 1.376
 MEAN RADIUS: 0.904
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

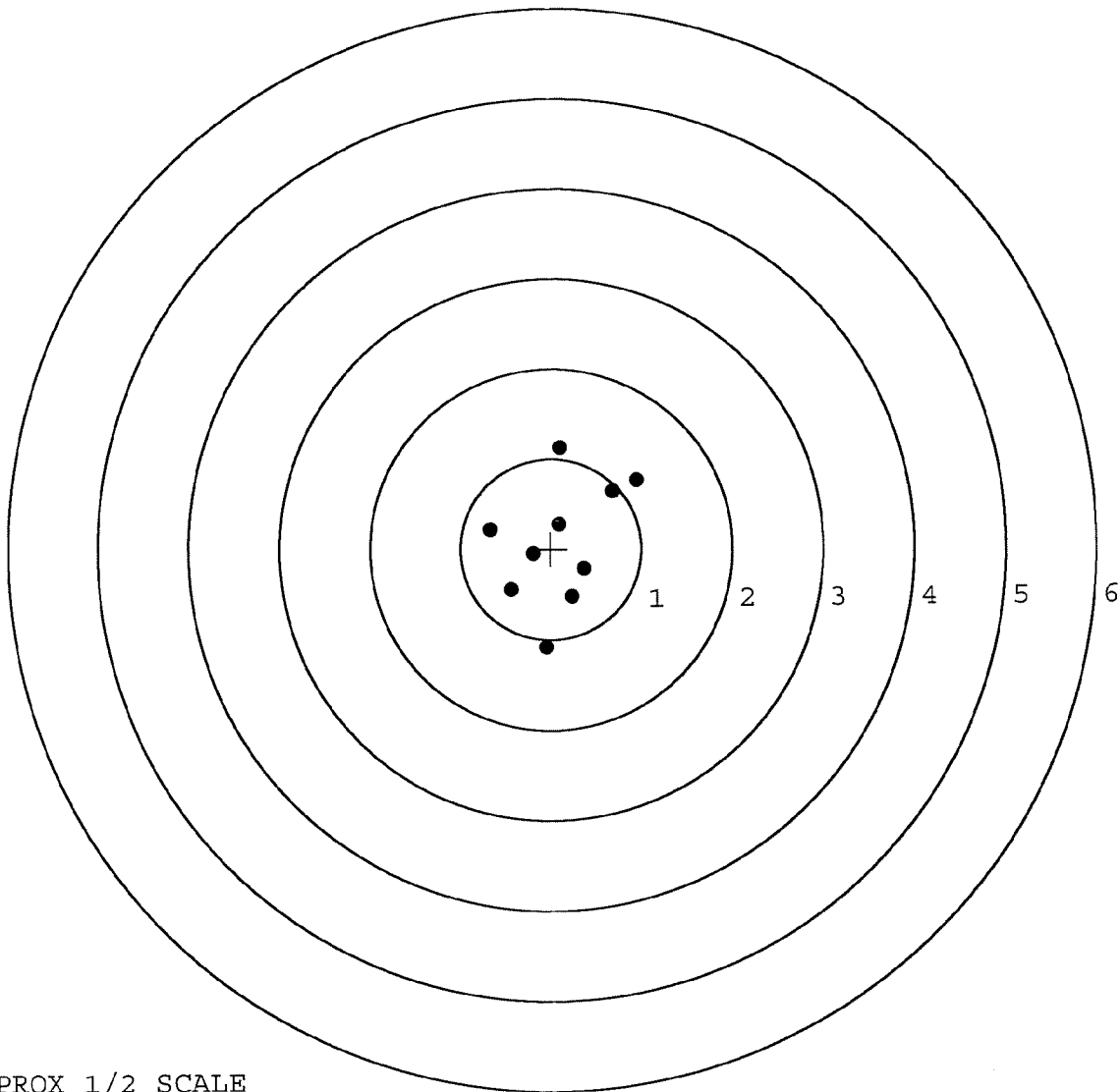


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587705. __ 0
 TARGET NUMBER: 2
 FILE DATE: 04/24/2006
 FILE TIME: 08:22

X CENTROID: 0.108
 Y CENTROID: 0.066
 POA TO CENTROID: 0.127
 HORZ SPREAD: 1.619
 VERT SPREAD: 2.213
 GROUP SPREAD: 2.219
 MIN RADIUS: 0.203
 MAX RADIUS: 1.167
 MEAN RADIUS: 0.720
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.057	-1.089
2:	0.234	-0.533
3:	0.368	-0.221
4:	0.689	0.637
5:	0.949	0.758
6:	0.111	1.124
7:	0.094	0.268
8:	-0.196	-0.056
9:	-0.441	-0.449
10:	-0.670	0.220



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587705. __0

TARGET NUMBER: 3

FILE DATE: 04/24/2006

FILE TIME: 08:22

X CENTROID: -0.038

Y CENTROID: -0.186

POA TO CENTROID: 0.189

HORZ SPREAD: 0.963

VERT SPREAD: 1.074

GROUP SPREAD: 1.198

MIN RADIUS: 0.185

MAX RADIUS: 0.776

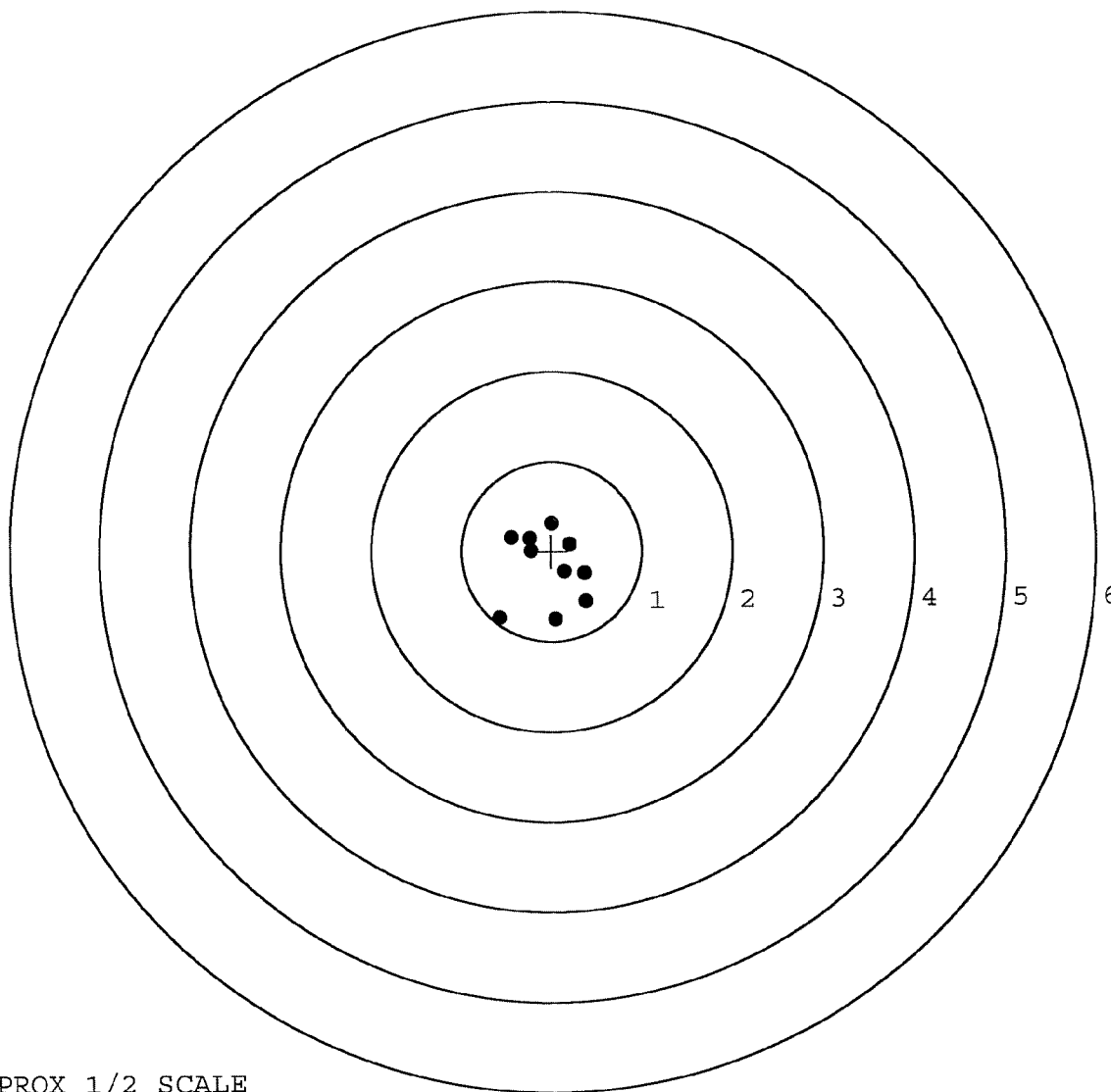
MEAN RADIUS: 0.457

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.042	-0.765
2:	-0.580	-0.741
3:	0.383	-0.564
4:	-0.452	0.155
5:	-0.004	0.309
6:	-0.233	0.005
7:	0.204	0.078
8:	0.143	-0.227
9:	0.367	-0.247
10:	-0.246	0.142



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587705. 0

TARGET NUMBER: 4

FILE DATE: 04/24/2006

FILE TIME: 08:22

POINT#	X	Y
1:	0.903	-0.582
2:	1.279	0.461
3:	0.353	0.363
4:	-0.312	0.432
5:	0.121	-0.186
6:	-0.124	-0.260
7:	-0.584	-0.012
8:	-0.584	-0.209
9:	-0.849	-0.335
10:	-1.174	-0.932

X CENTROID: -0.097

Y CENTROID: -0.126

POA TO CENTROID: 0.159

HORZ SPREAD: 2.453

VERT SPREAD: 1.393

GROUP SPREAD: 2.821

MIN RADIUS: 0.137

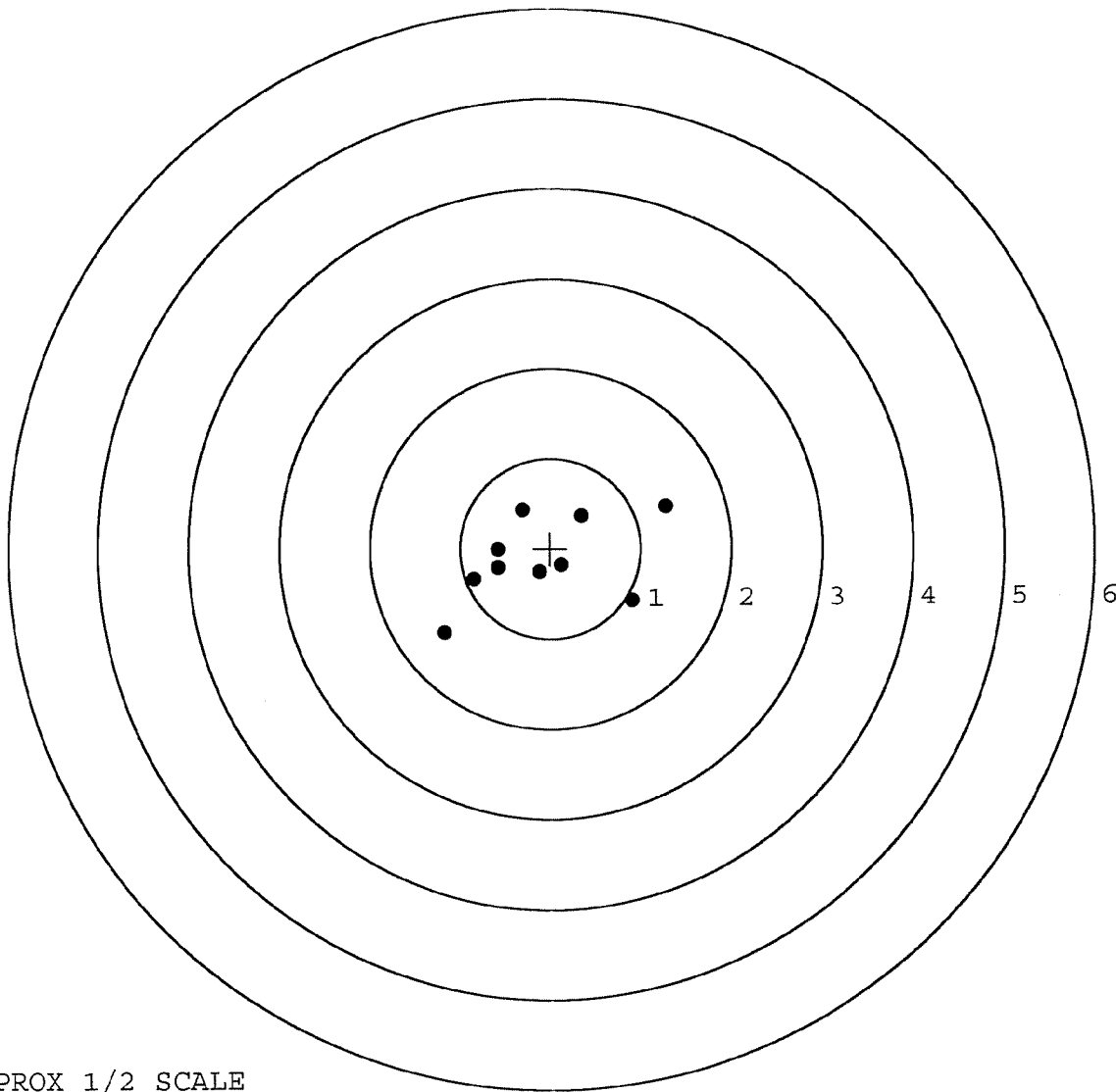
MAX RADIUS: 1.496

MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587705. 0

TARGET NUMBER: 5

FILE DATE: 04/24/2006

FILE TIME: 08:22

POINT#	X	Y
1:	1.219	-0.561
2:	0.052	-0.647
3:	0.305	-0.274
4:	0.430	0.170
5:	0.042	0.533
6:	0.216	0.632
7:	0.242	0.772
8:	-0.480	0.934
9:	-0.348	0.253
10:	-1.188	-0.214

X CENTROID: 0.049

Y CENTROID: 0.160

POA TO CENTROID: 0.167

HORZ SPREAD: 2.407

VERT SPREAD: 1.581

GROUP SPREAD: 2.432

MIN RADIUS: 0.373

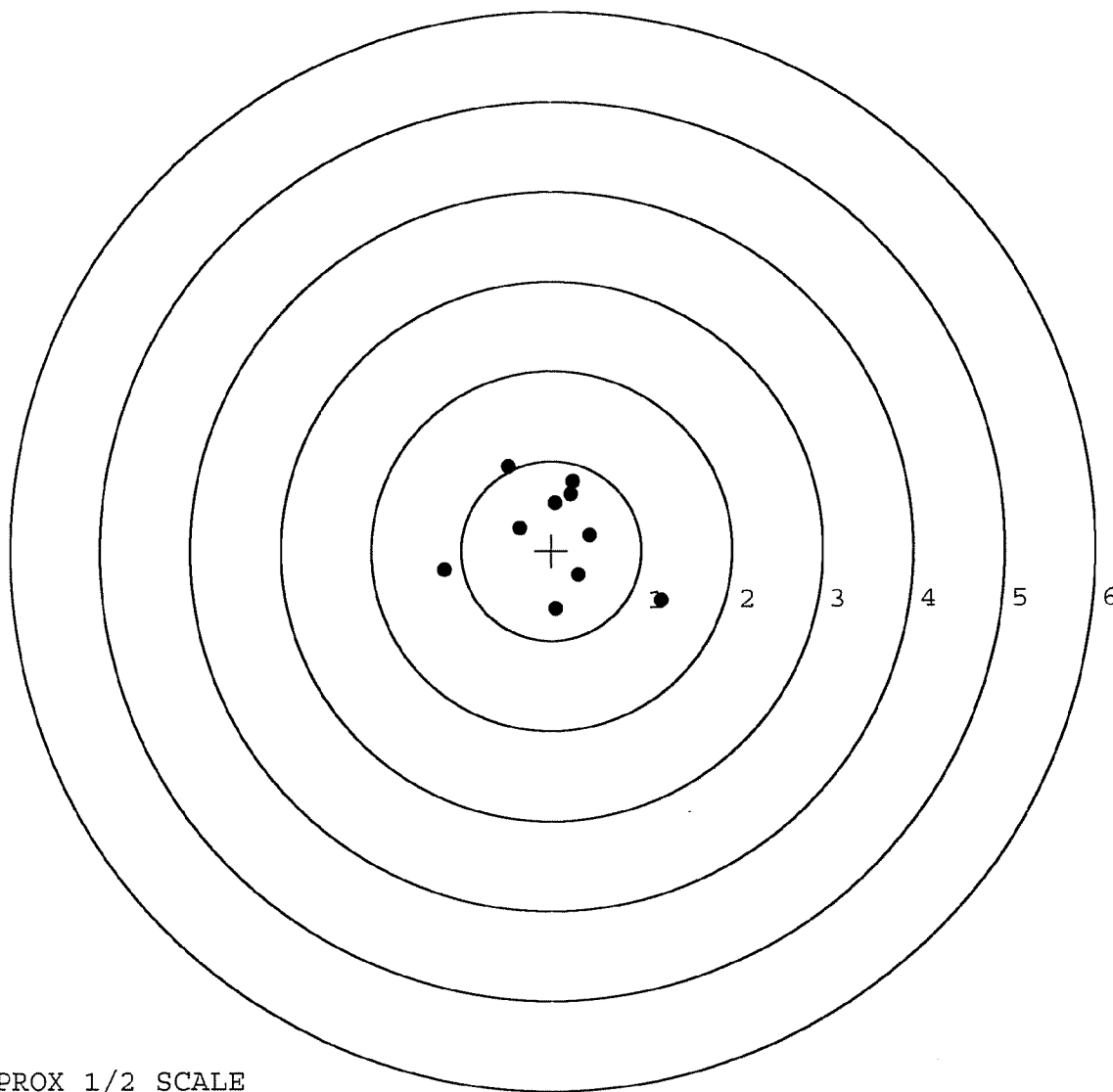
MAX RADIUS: 1.374

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



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)

DATE 4-20-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.62		2.60	
PULL #2	2.53	2.53		2.56	
PULL #3	2.61	2.58		2.52	
PULL #4	2.58	2.60		2.51	
PULL #5	2.55	2.60		2.58	
TOTAL	12.86	12.93		12.77	
AVERAGE	2.57	2.58		2.55	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	2.99		
PULL #2	3.00	2.94		
PULL #3	3.01	3.03		
PULL #4	3.04	2.98		
PULL #5	3.00	2.98		
TOTAL	15.08	14.92		
AVERAGE	3.01	2.98		

	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	4.21	4.14		4.00
PULL #2	4.09	4.03		4.10
PULL #3	4.13	4.04		4.05
PULL #4	4.06	3.99		4.03
PULL #5	4.07	4.00		4.08
TOTAL	20.56	20.20		20.26
AVERAGE	4.11	4.04		4.05

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

II 50 50

R & E NUMBER	108325			
SERIAL NUMBER	06587705			
LOG-IN DATE	2-13-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	2-15-06	RTZ	
505	RE-BARREL	4-13-06	RTZ	
560	ASSEMBLE	4-17-06	RTZ	
600	PROOF MAGNA-FLUX	4-19-06	RTZ	
605	CHECK HEADSPACE	4-19-06	RTZ	
610	DIS-ASSEMBLE GUN	4-19-06	RTZ	
612	MAGNAFLUX	4-20-06	APD	
510	DRILL AND TAP	N/A 4-20-06 TRW	CW	
615	ROLLMARK CALIBER	4-20-06	LB	
618	ROTO-BLAST	4-20-06	H	
620	APPLY COATINGS			
625	FINAL ASSEMBLY	4-24-06	RTZ	
640	FUNCTION TEST AND	PASS FAIL	4-24-06	TRW
650	TARGET	PASS FAIL	4-24-06	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		4-24-06	R-T
	A) HEADSPACE	PASS FAIL	4-25-06	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.4 2.5 2.6 2.6 2.6 4-25-06	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6.5 6.5 7.0 4-25-06	TRW
	G) SAFETY OFF FORCE	2 LBS MIN	3.5 3.0 3.25 4-25-06	TRW
	I) FIRING PIN INDENT	.020	.0225 .0225 .022 4-25-06	TRW
690	PACK		4-25-06	RTZ

MAINTENANCE REQUEST				PAGE NO		NO OF PAGES		REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)			
For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.											
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA							
1a. UIC CUSTOMER <i>WAD EAG</i>		1b. CUSTOMER UNIT NAME <i>Bco 285B</i>		1c. PHONE NO <i>719524 1928</i>		3a. WORK ORDER NUMBER (WON)		3b. SHOP		3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE		2c. MCSR		4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA											
5. TYPE MNT REQ CODE		6. ID		7. NSN		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751					
8. MODEL <i>m24</i>		9. NOUN <i>Rifle 7.62</i>		10a. ORG WON/DOC NO <i>WTF 808</i>		10b. EIC		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R	
11. SERIAL NUMBER <i>6587705</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)						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>Upgrade A2</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		35a. ACCEPTED BY		35c. DATE		Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.					
34b. DATE		35b. STATUS		35d. TIME							

DA FORM 2407, JUL 94

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

RECEIPT COPY 1

BARBER - M24 00238825607

Remington Arms Company, Inc. Repair Instructions

Print and complete this form and mail it, along with your firearm to:

Remington Arms Company, Inc.

14 Hoefler Ave.
Illion, New York 13357

Name: SSG PAUL DENNA Model: M-24 SWS
Address: HHC 1-S03 INF RGT Serial #: C6587705
City: UNIT # 15059 Date of Purchase: _____
State: APC-AP Zip: 96224-0320 (if available, please attach a copy
Telephone: (Day) () _____ of the proof of purchase.)
(Night) () _____ Internet Request

Please describe the problem you are having with your firearm: _____

WEAPON SYSTEM UNDER GOVERNMENT CONTRACT.
ROUND COUNT OVER 10,000.
IN NEED OF CALIBRATION AND MAINTENANCE COVERED
UNDER GOVERNMENT CONTRACT.

Optional Information

Ammo Type: _____ Brand: _____

or Handload Specification _____ Bullet Weight: _____ Shot Size: _____

Reminders:

Record your serial number - it will help reference your repair.

Properly package your unloaded firearm. Do not ship in a hard case

If you would like to order a box, please call our Parts Department:

800-243-9700, 9am-5pm, EST.

Do not send live/loaded ammunition with your firearm.

Remove all accessories.

Back to Obtaining Repair Service

©1998 Remington Arms Company, Inc.

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6587705
22 Mar 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2682
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1764
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .321011

THE AMR FOR THIS RIFLE IS: 1.128

CENTROIDAL DISTANCES

0	TO	1	.440828
1	TO	2	.2028
1	TO	3	.42221
1	TO	4	.330648
1	TO	5	.320632

3⁺4 5⁻----POA
1 2

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

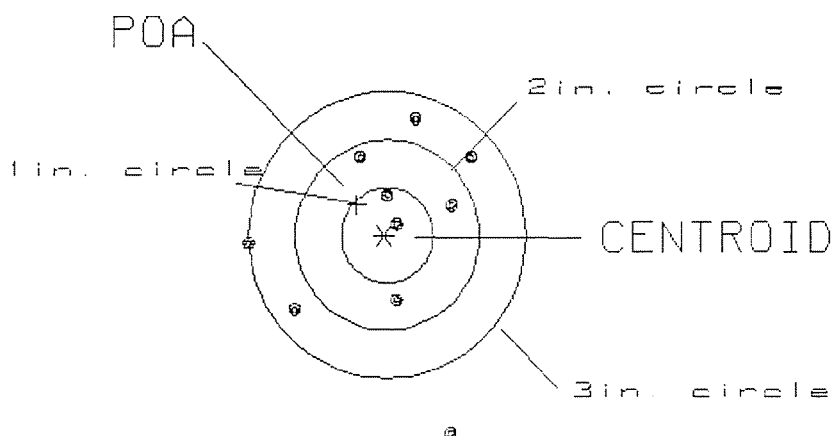
PATTERN #: 1

POA TO CENTROID: .440
MIN RADIUS : .153
MEAN RADIUS : 1.026
MAX RADIUS : 2.220
CENTROID X : .300
CENTROID Y : -.323

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587705

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.41

2

VS= 3.35

5

GS= 3.37

9

BARBER - M24 0025572

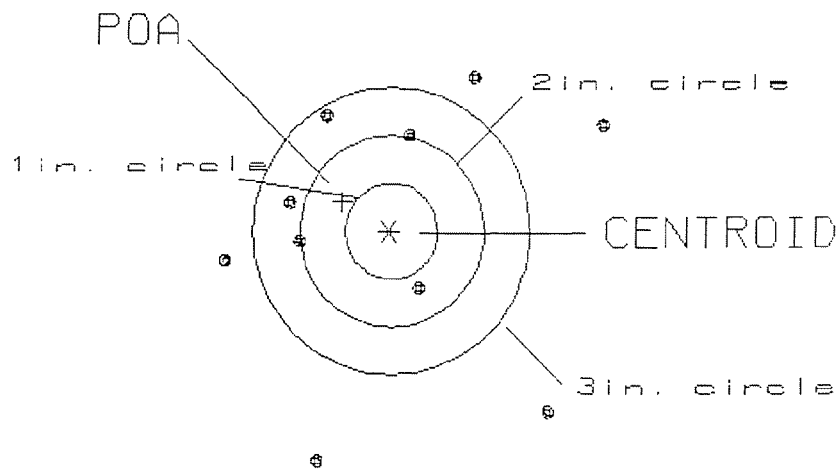
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2
POA TO CENTROID: .587
MIN RADIUS : .637
MEAN RADIUS : 1.638
MAX RADIUS : 2.531
CENTROID X : .502
CENTROID Y : -.305

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587785

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 4.02

0

VS= 4.00

2

GS= 4.65

5

BARBER - M24 0025573

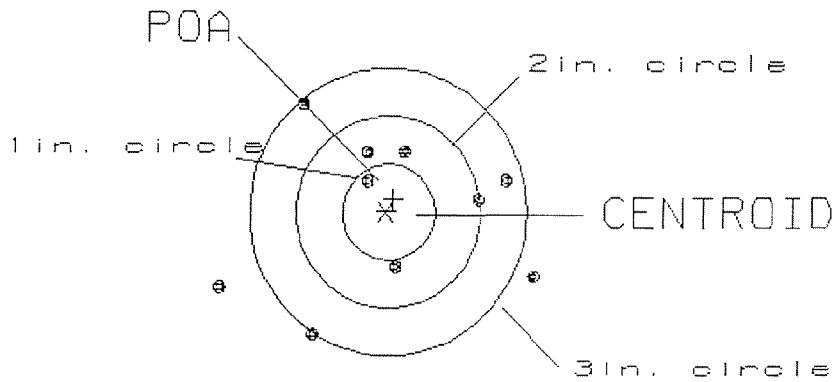
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: C 3 E
POA TO CENTROID: .149
MIN RADIUS : .422
MEAN RADIUS : 1.136
MAX RADIUS : 1.986
CENTROID X : -.075
CENTROID Y : -.129

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587705

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.47
VS= 2.37
GS= 3.47

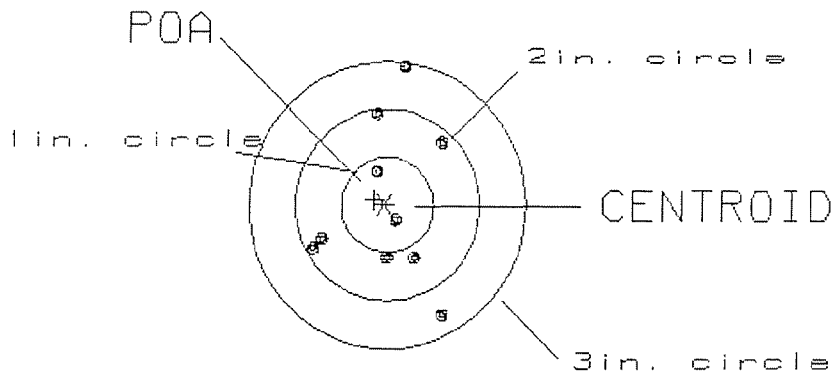
1
5
7

PATTERN #: 4
 POA TO CENTROID: .123
 MIN RADIUS : .178
 MEAN RADIUS : .801
 MAX RADIUS : 1.447
 CENTROID X : .112
 CENTROID Y : -.051

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587705

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.40

2

VS= 2.63

8

GS= 2.65

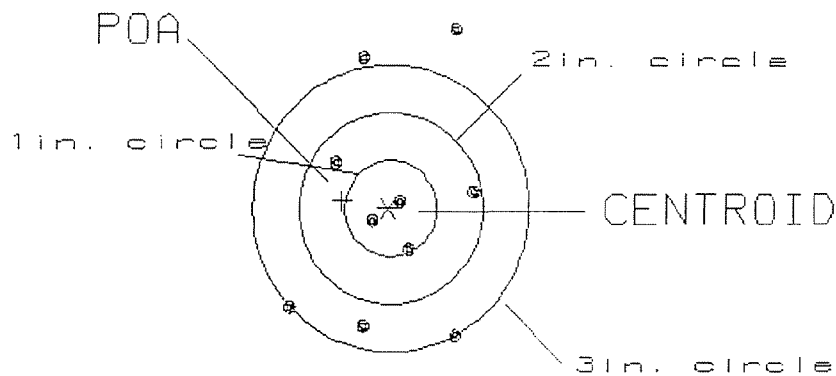
10

PATTERN #: 5
 POA TO CENTROID: .507
 MIN RADIUS : .097
 MEAN RADIUS : 1.037
 MAX RADIUS : 2.026
 CENTROID X : .502
 CENTROID Y : -.074

22 Mar 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587705

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

MS= 2.03
 VS= 3.21
 GS= 3.49

3
 5
 7

Final Inspection

Sn: C6587705

DATE REC'D: 11-23-99

DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

SCOPE ASSY.

☐ SCOPE☐ SCOPE RINGS☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☐ FINISH☐ LOOSENESS☐ CLARITY

Item:

STOCK ASSY.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

SYSTEMS CASE

☐ SCOPE CASE☐ IRON SIGHTS☐ DEPLOYMENT KIT

TRIGGER

☒ SAFETY OPERATION☒ SET

Comments:

MISC.

☐ DD-250☐ BAR CODE☐ PACKAGING

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6587705

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12/10/99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1/20/00	RW
605	CHECK HEADSPACE	1/20/00	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	3/21/00	RW
655	FINAL INSPECT	3/23/00	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Remington[®]

Model 700™ M24

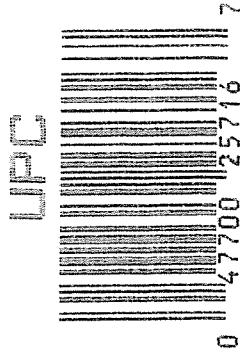
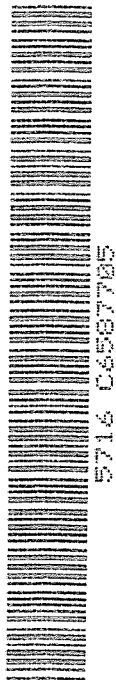
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

REG. U.S. PAT. & TM. OFF.

SERIAL NO.
06587705

ORDER NO.
5716



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587705

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	28
617	Drill and Tap Sight Holes		10/26/90	LB
618	Polish Barrel <i>WB</i>		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/14/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/17/90	WB

op. #	BARBER - M24 0025580	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/17/90	WB		
	G) Safety Off Force	7 1/2	7 1/2	7 1/2	11/17/90	WB		
	H) Trigger Pull Test & Retainability				11/17/90	WB		
	I) Firing Pin Indent	1.0275	.022	.022	11/17/90	WB		
	J) Assemble Stock				12/4/90	RW		
	K) Assemble Swivel Studs				12-5-90	928		
	L) Attach Front and Rear Sight Assemblies				12/4/90	RW		
	M) Iron Sight Alignment				12/4/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/4/90	RW		
	O) Attach Scope to Rifle				12/4/90	RW		
	P) Detach & Attach Scope 20 Times				12/4/90	RW		
640	Gallery Target & Test				12/4/90	NF		
	A) Time				"	NF		
	B) Malfunctions				"	NF		
	C) Pierced Primers				"	NF		
	D) Optical Clarity of Scope				"	NF		
645	Inspect for Live Ammo				12/4/90	NF		
655	Final Inspection							
	A) Headspace				12-5-90	928		
	B) Trigger Pull	286	292	281	298	286	12-5-90	928
	C) Function						12-5-90	928
660	Pack						12/18/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587705

DATE 11/17/90

TESTER WJB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.42	2.37	2.86	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.46	2.40	2.92	
PULL #3	2.45	2.44	2.37	2.81	
PULL #4	2.49	2.38	2.34	2.98	
PULL #5	2.45	2.40	2.38	2.86	
TOTAL	12.26	12.10	11.86		
AVG.	2.45	2.42	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.24		
PULL #2	3.30	3.25		
PULL #3	3.31	3.23		
PULL #4	3.31	3.24		
PULL #5	3.32	3.28		
TOTAL	16.58	16.24		
AVG.	3.31	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.17		4.19
PULL #2	4.25	4.15		4.17
PULL #3	4.25	4.11		4.20
PULL #4	4.28	4.11		4.12
PULL #5	4.27	4.10		4.16
TOTAL	21.27	20.64		20.83
AVG.	4.25	4.13		4.17

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587705
5 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.236237
1 TO	2	.661456
1 TO	3	.542919
1 TO	4	.449934
1 TO	5	.295941

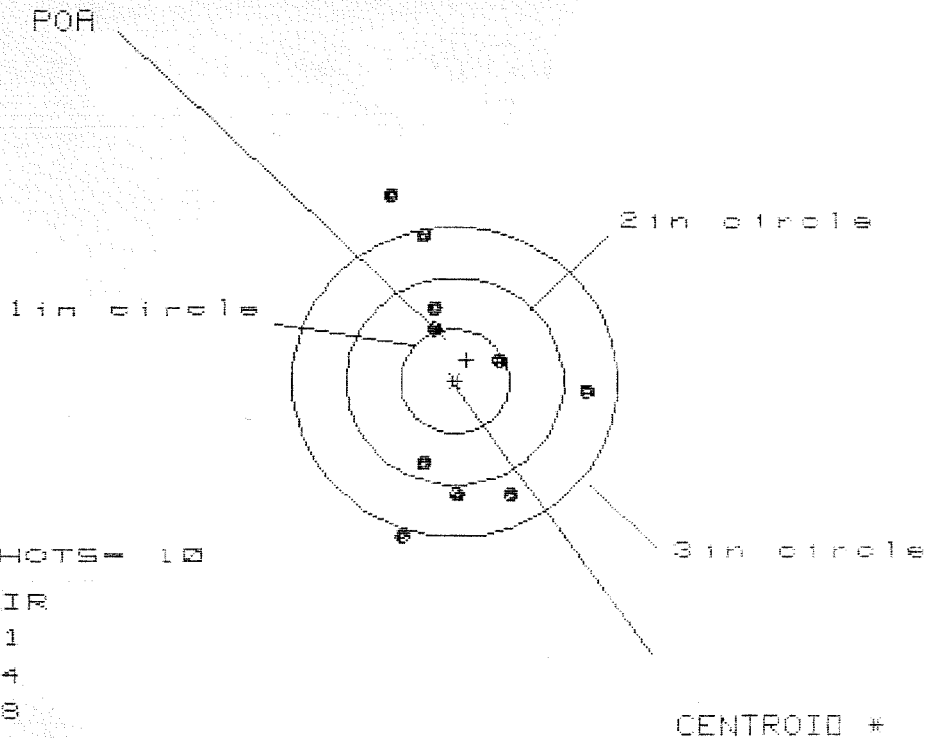
$\bar{x}^2$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .133
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0796
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .155001
THE AMR FOR THIS RIFLE IS: 1.021

5 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587785

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 1.807

VS= 3.318

GS= 3.324

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.173	1.102	1.038
MINIMUM X	-.634	-.513	-.438
MAXIMUM Y	1.804	1.597	1.433
MINIMUM Y	-1.514	-1.313	-1.076
CENTROID X	-.112	-.041	.023
CENTROID Y	-.208	-.408	-.244
POA TO CENTROID in.	.236	.410	.245
MIN RADIUS	.448	.502	.346
MEAN RADIUS	1.101	.997	.928
MAX RADIUS	1.913	1.640	1.498
HORIZONTAL SPREAD	1.807	1.615	1.476
VERTICAL SPREAD	3.318	2.910	2.509
EXTREME SPREAD	3.324	2.913	2.560
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

5 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587785

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 8

3 in = 8

HS = 2.505

VS = 1.926

GS = 2.559

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.575	.794	.849
MINIMUM X	:	-.930	-.755	-.700
MAXIMUM Y	:	1.190	1.138	.903
MINIMUM Y	:	-.736	-.788	-.645
CENTROID X	:	.428	.253	.198
CENTROID Y	:	.174	.226	.083
POA TO CENTROID in.	:	.462	.339	.214
MIN RADIUS	:	.304	.485	.505
MEAN RADIUS	:	.902	.797	.731
MAX RADIUS	:	1.643	1.223	1.004
HORIZONTAL SPREAD	:	2.505	1.549	1.549
VERTICAL SPREAD	:	1.926	1.926	1.548
EXTREME SPREAD	:	2.559	1.988	1.704
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587785

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.480

VS= 2.378

GS= 2.995

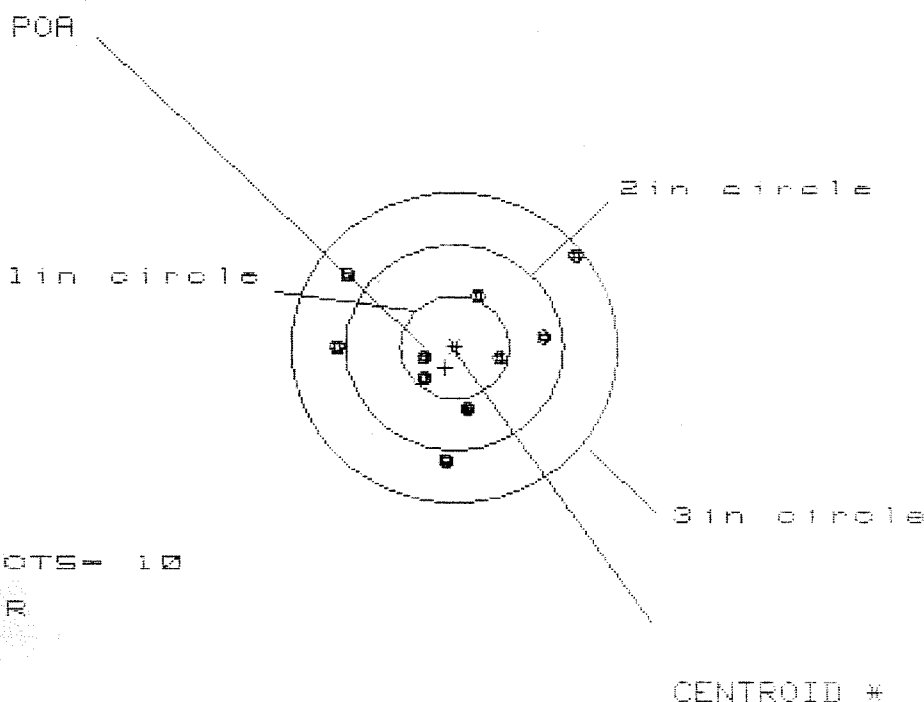
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.137	1.262	1.110
MINIMUM X	-1.343	-1.218	-1.029
MAXIMUM Y	1.544	1.377	.674
MINIMUM Y	-.835	-.663	-.491
CENTROID X	.132	.007	.159
CENTROID Y	.277	.105	-.067
POA TO CENTROID in.	.306	.105	.173
MIN RADIUS	.561	.430	.376
MEAN RADIUS	1.117	.987	.853
MAX RADIUS	1.908	1.838	1.166
HORIZONTAL SPREAD	2.480	2.480	2.139
VERTICAL SPREAD	2.378	2.040	1.165
EXTREME SPREAD	2.995	2.841	2.156
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	0		

5 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8387705

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 10

HS = 2.132

VS = 2.045

GS = 2.365

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.095

.960

.846

MINIMUM X

-1.037

-.915

-1.029

MAXIMUM Y

.929

.773

.720

MINIMUM Y

-1.116

-1.013

-.917

CENTROID X

.084

-.038

.076

CENTROID Y

.197

.094

-.002

POA TO CENTROID in.

.214

.102

.076

MIN RADIUS

.317

.166

.263

MEAN RADIUS

.797

.701

.630

MAX RADIUS

1.436

1.194

1.044

HORIZONTAL SPREAD

2.132

1.875

1.875

VERTICAL SPREAD

2.045

1.786

1.637

EXTREME SPREAD : 2.365 2.018 1.879
 NUMBER IN ONE INCH CIRCLE = 3
 NUMBER IN TWO INCH CIRCLE = 6
 NUMBER IN THREE INCH CIRCLE = 10

5 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8507705

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 5

HS= 3.406

VS= 3.435

GS= 3.843

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.764

1.950

1.968

MINIMUM X

-1.642

-1.456

-1.438

MAXIMUM Y

1.585

.796

.586

MINIMUM Y

-1.849

-1.673

-.316

CENTROID X

.133

-.053

-.071

CENTROID Y

-.042

-.219

-.009

POA TO CENTROID in.

.140

.225

.071

MIN RADIUS

.391

.388

.362

MEAN RADIUS

1.187

1.058

.946

MAX RADIUS : 2.308 1.953 1.993
HORIZONTAL SPREAD : 3.406 3.406 3.406
VERTICAL SPREAD : 3.435 2.469 .902
EXTREME SPREAD : 3.843 3.430 3.430
NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 5