

C6611747

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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: **RE00113638** Serial: C6611747 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Caliber: 7.62 NATO Status: New 6/19/2006 8:26:54 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **A CO 2/3 SFC (A)** **A CO 2/3 SFC (A)**

Address 1: **BLDG E - 1650 KUWAIT STR** **BLDG E - 1650 KUWAIT STR**

Address 2: _____ PO Box: _____ PO Box: _____

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: _____

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax: _____

Email: _____

Comments: _____

Received Condition

Condition: **Fair**

Condition Notes: _____

CSR Notes: _____

Accessories Received

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

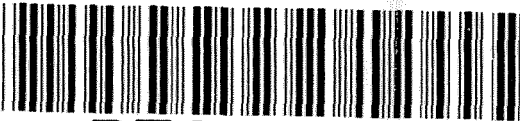
Repair Search **Refresh** **Close**

nagletj 6/19/2006 11:38 AM CAPS NUM INS SCRL

start 3 Mic... My Exc... Part S... 1999-2... 3 Mic... Arms S... 11:38 AM

Serial Number: **C6611747**

Model: **M24 SWS**



RE00113638

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611747.__1
FILE DATE AND TIME: 06/28/2006 17:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.564
The Distance from POA to Centroid Target #1:	0.118
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.110
The Distance from Centroid Target #4 to Centroid Target #1:	0.233
The Distance from Centroid Target #5 to Centroid Target #1:	0.298

SERIAL NUMBER: C6611747. 1

TARGET NUMBER: 1

FILE DATE: 06/28/2006

FILE TIME: 17:55

POINT#	X	Y
1:	-0.383	0.703
2:	0.251	0.465
3:	0.456	0.186
4:	-0.426	0.275
5:	-0.594	-0.559
6:	0.024	-0.823
7:	-0.143	-0.202
8:	0.033	-0.012
9:	-0.182	0.140
10:	-0.134	0.258

X CENTROID: -0.110

Y CENTROID: 0.043

POA TO CENTROID: 0.118

HORZ SPREAD: 1.050

VERT SPREAD: 1.526

GROUP SPREAD: 1.579

MIN RADIUS: 0.121

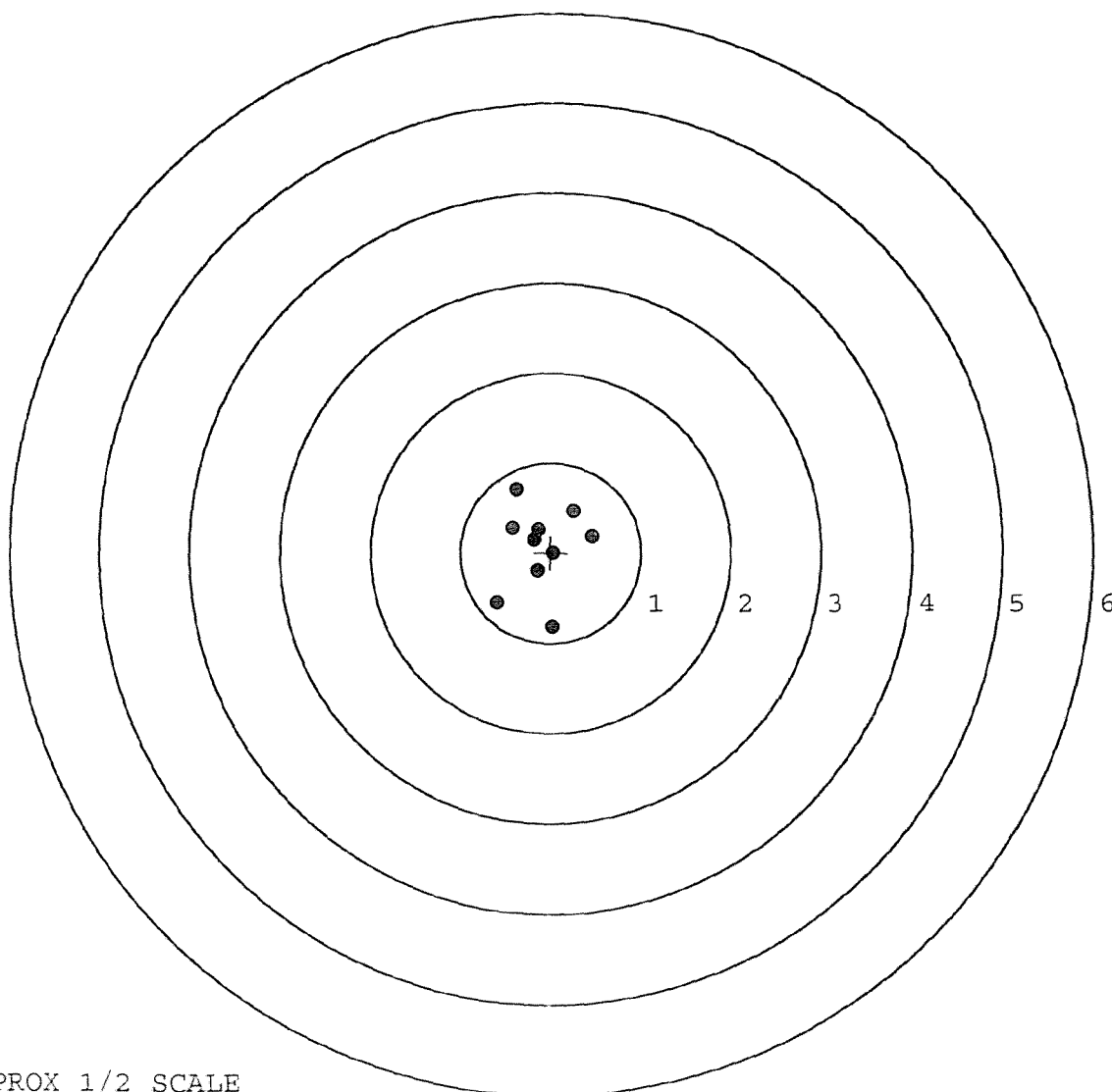
MAX RADIUS: 0.876

MEAN RADIUS: 0.463

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

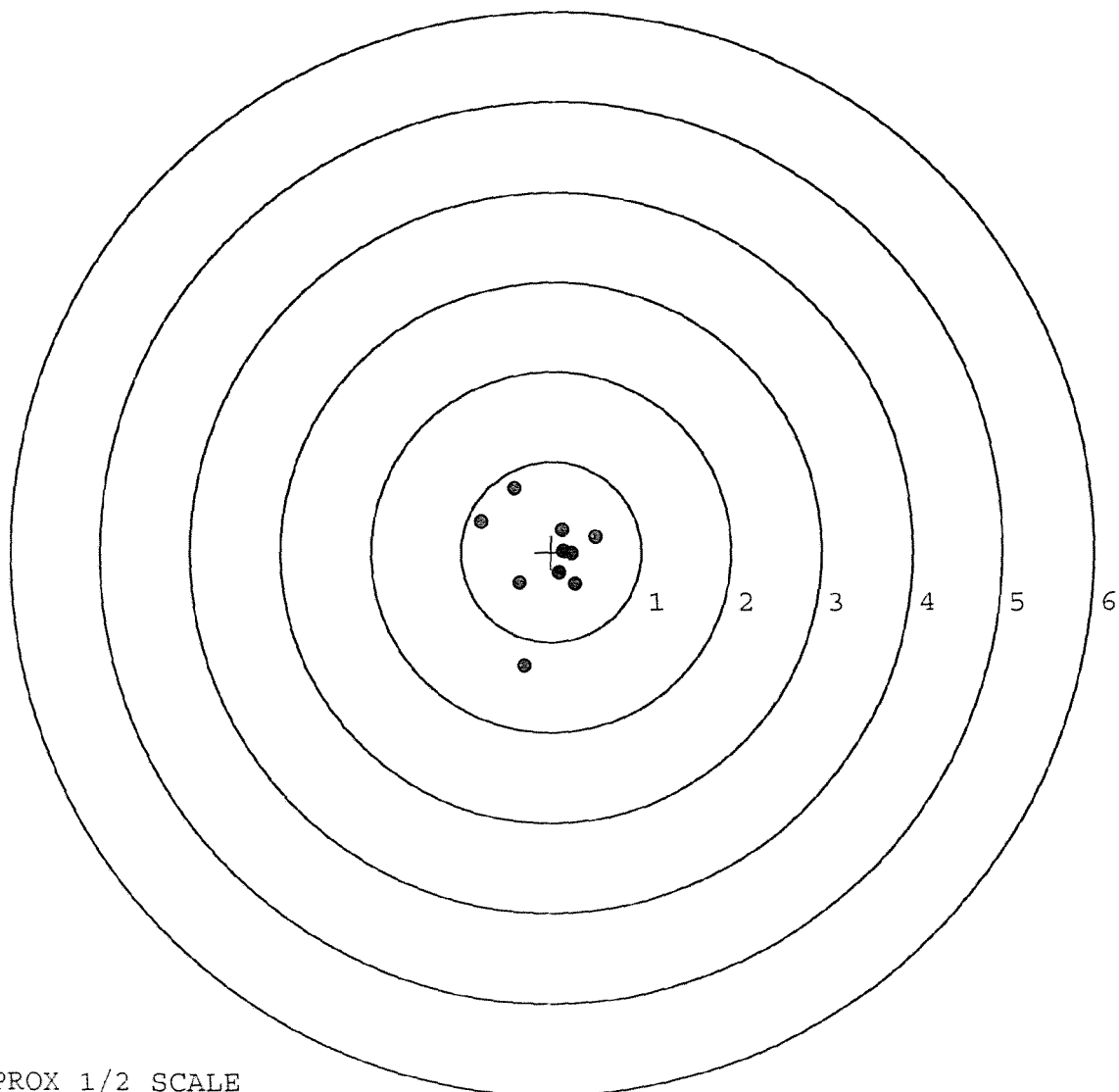


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. __1
 TARGET NUMBER: 2
 FILE DATE: 06/28/2006
 FILE TIME: 17:55

X CENTROID: -0.051
 Y CENTROID: -0.079
 POA TO CENTROID: 0.094
 HORZ SPREAD: 1.262
 VERT SPREAD: 1.979
 GROUP SPREAD: 1.983
 MIN RADIUS: 0.205
 MAX RADIUS: 1.216
 MEAN RADIUS: 0.540
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.418	0.710
2:	-0.774	0.334
3:	-0.347	-0.352
4:	-0.298	-1.269
5:	0.269	-0.364
6:	0.087	-0.234
7:	0.124	0.243
8:	0.488	0.171
9:	0.223	-0.024
10:	0.139	-0.001

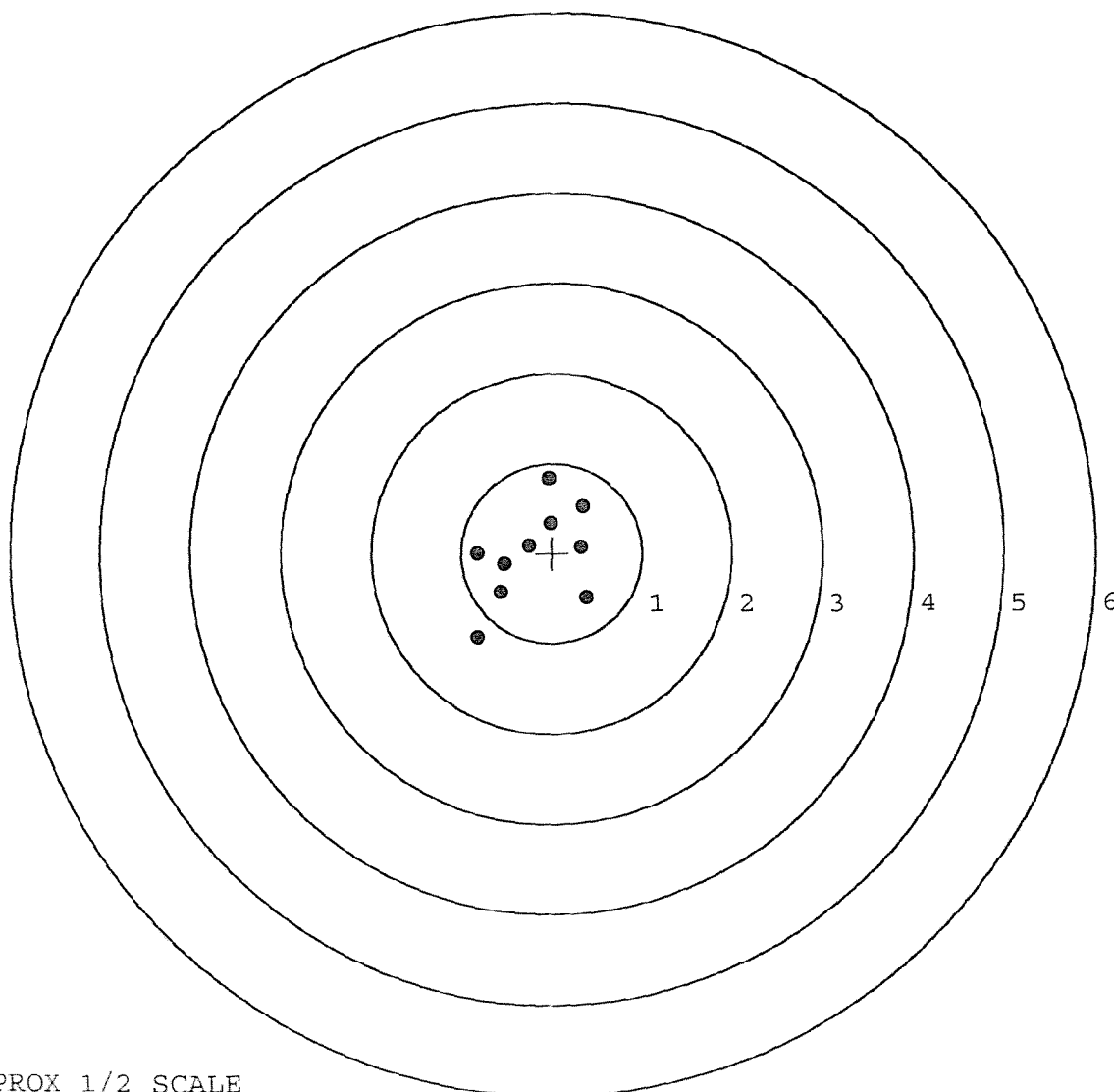


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. __ 1
 TARGET NUMBER: 3
 FILE DATE: 06/28/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	-0.044	0.833
2:	0.343	0.523
3:	-0.015	0.327
4:	0.320	0.072
5:	0.381	-0.501
6:	-0.260	0.081
7:	-0.831	-0.004
8:	-0.527	-0.122
9:	-0.569	-0.439
10:	-0.814	-0.939

X CENTROID: -0.202
 Y CENTROID: -0.017
 POA TO CENTROID: 0.202
 HORZ SPREAD: 1.212
 VERT SPREAD: 1.772
 GROUP SPREAD: 1.932
 MIN RADIUS: 0.114
 MAX RADIUS: 1.107
 MEAN RADIUS: 0.606
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

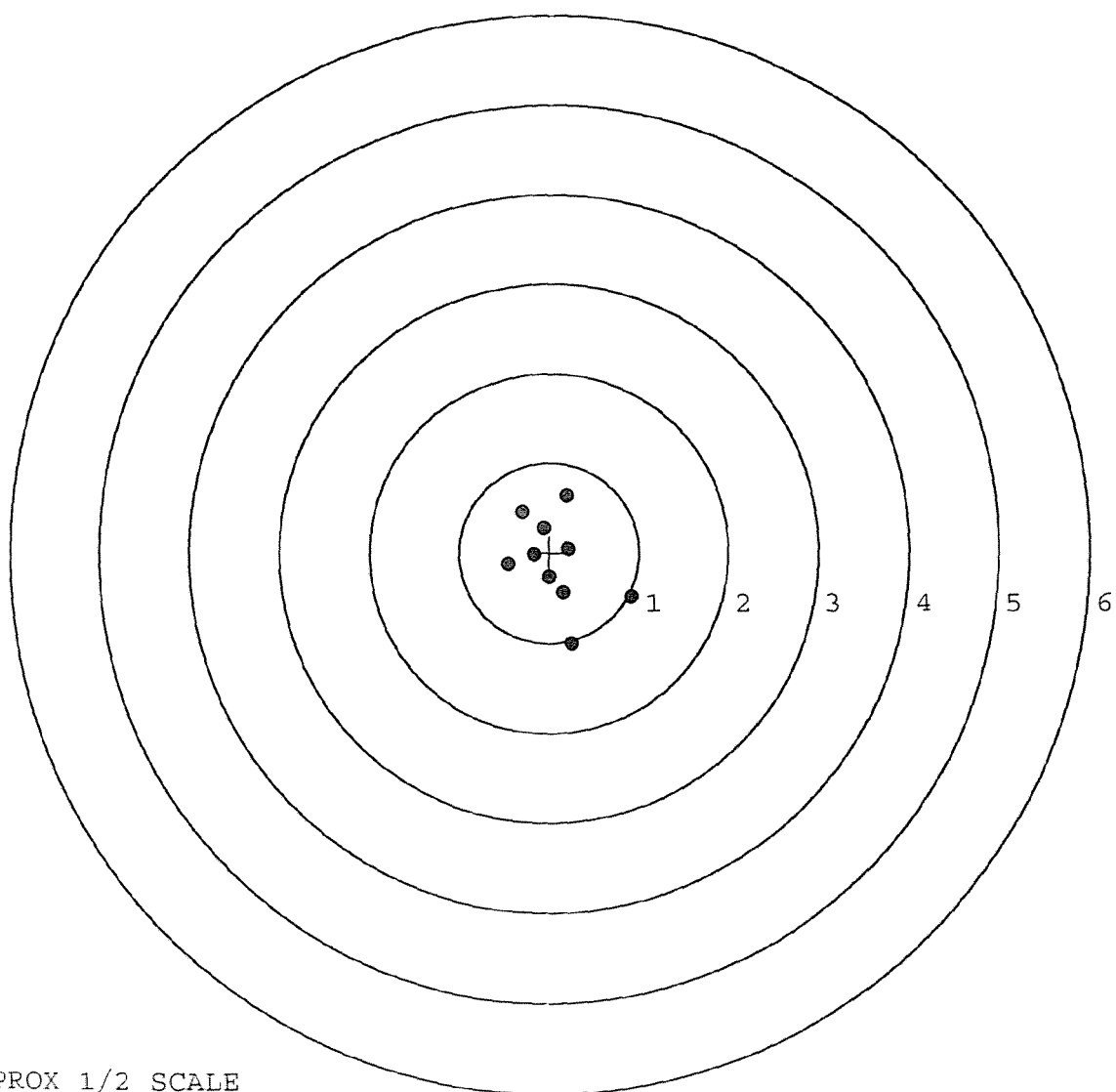


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. __1
 TARGET NUMBER: 4
 FILE DATE: 06/28/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	0.191	0.632
2:	-0.300	0.451
3:	-0.063	0.271
4:	0.213	0.036
5:	-0.454	-0.138
6:	0.160	-0.452
7:	0.254	-1.007
8:	0.918	-0.487
9:	-0.006	-0.278
10:	-0.171	-0.027

X CENTROID: 0.074
 Y CENTROID: -0.100
 POA TO CENTROID: 0.124
 HORZ SPREAD: 1.372
 VERT SPREAD: 1.639
 GROUP SPREAD: 1.537
 MIN RADIUS: 0.194
 MAX RADIUS: 0.928
 MEAN RADIUS: 0.519
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

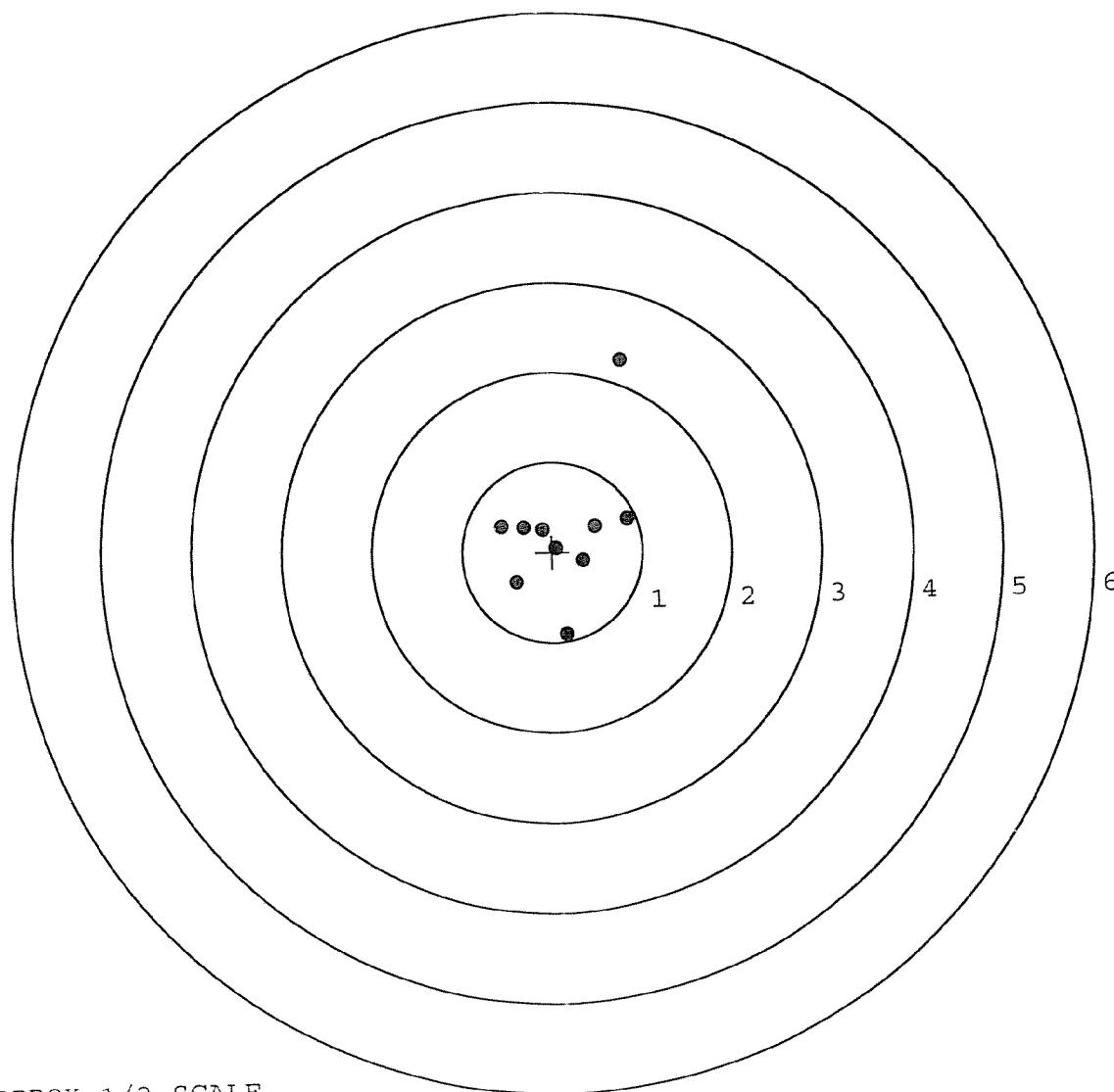


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. __1
 TARGET NUMBER: 5
 FILE DATE: 06/28/2006
 FILE TIME: 17:55

POINT#	X	Y
1:	0.807	2.110
2:	0.834	0.345
3:	0.475	0.279
4:	0.338	-0.102
5:	0.041	0.040
6:	-0.102	0.249
7:	-0.312	0.276
8:	-0.555	0.299
9:	-0.405	-0.329
10:	0.137	-0.918

X CENTROID: 0.126
 Y CENTROID: 0.225
 POA TO CENTROID: 0.258
 HORZ SPREAD: 1.389
 VERT SPREAD: 3.028
 GROUP SPREAD: 3.101
 MIN RADIUS: 0.203
 MAX RADIUS: 2.004
 MEAN RADIUS: 0.693
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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 6-21-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	256	253		258	
PULL #2	249	246		261	
PULL #3	247	251		247	
PULL #4	255	254		261	
PULL #5	243	257		261	
TOTAL	1250	1261		1288	
AVERAGE	250	252		257	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	305	310		
PULL #2	308	304		
PULL #3	292	300		
PULL #4	306	304		
PULL #5	313	301		
TOTAL	1524	1519		
AVERAGE	304	303		

	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	402	399		419
PULL #2	398	398		417
PULL #3	406	397		421
PULL #4	397	391		423
PULL #5	403	402		420
TOTAL	2006	1987		2100
AVERAGE	401	397		420

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113638		
SERIAL NUMBER	C6611747		
LOG-IN DATE	6-19-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-21-06	RTZ
505	RE-BARREL	6-22-06	RTZ
420	ASSEMBLE	6-22-06	RTZ
440	PROOF	6-23-06	TRW
460	CHECK HEADSPACE	6-23-06	TRW
470	DIS-ASSEMBLE GUN	6-23-06	RTZ
480	MAGNAFLUX	6-23-06	TRW
510	DRILL AND TAP	6-23-06	TRW
500	ROLLMARK CALIBER	6-23-06	CW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6-23-06	TRW
560	FINAL ASSEMBLY	6-27-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	6-28-06
650	TARGET	PASS FAIL	6-28-06
	MALFUNCTION Bolt release side	CORRECTION OK	7-6-06
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		7-6-06
	A) HEADSPACE	PASS FAIL	7-6-06
	B) TRIGGER PULL	2.67 261 2.75 2.95 2.95	AC
680	F) SAFETY ON FORCE	8/16s 8/16s 8/16s	AC
	G) SAFETY OFF FORCE	6/16s 6/16s 6/16s	AC
	I) FIRING PIN INDENT	.021 .021 .021	AC
690	PACK		7-20-06

F006 REV 5/2006

BARBER - M24 0035248 FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

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: **RE00034890** Serial: C6611747 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 11/1/01 8:19:22 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **CCO 2/3RD SFGA** **CCO 2/3RD SFGA**

Address 1: Address 2: PO Box: PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

magleh 11/1/01 9:49 AM CAPS NUM NS SCFL

Start Inbox - M... Calendar Microsoft NJBGS C... Arms S...

Serial Number: **C6611747**

Model: **700**



Final Inspection

In: C (do) 1747

DATE REC'D: 11/1/01

DATE RET'D: 11/28/01

Inspector: [Signature]

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

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

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: _____

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611747.__0
FILE DATE AND TIME: 11/27/2001 11:06

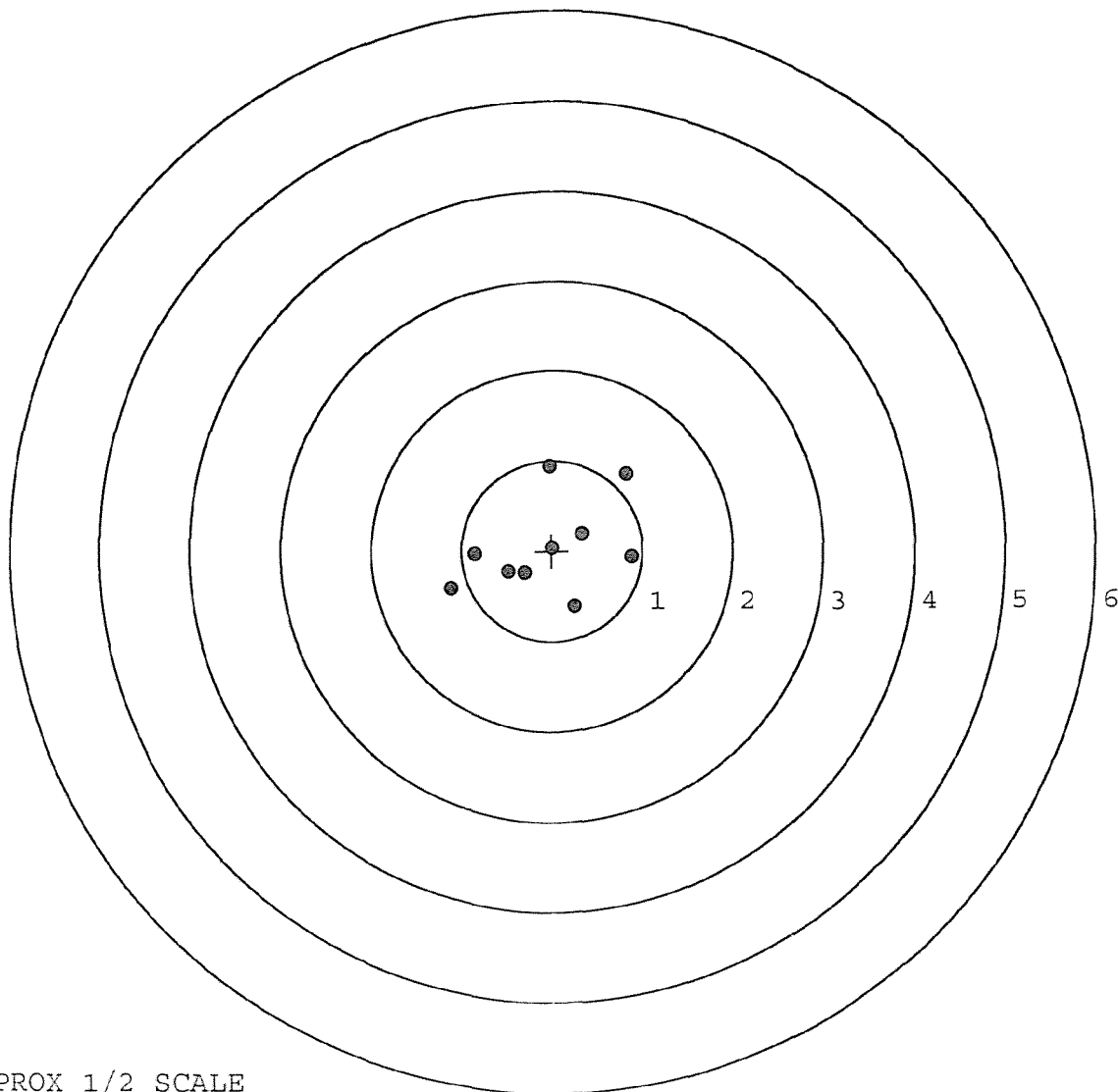
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	-0.072
The Average Point of Impact of the Five Target Set:	0.085
The Average Mean Radius of the Five Target Set:	0.749
The Distance from POA to Centroid Target #1:	0.065
The Distance from Centroid Target #2 to Centroid Target #1:	0.179
The Distance from Centroid Target #3 to Centroid Target #1:	0.387
The Distance from Centroid Target #4 to Centroid Target #1:	0.478
The Distance from Centroid Target #5 to Centroid Target #1:	0.173

SERIAL NUMBER: C6611747. __0
 TARGET NUMBER: 1
 FILE DATE: 11/27/2001
 FILE TIME: 11:06

POINT#	X	Y
1:	0.820	0.847
2:	-0.033	0.940
3:	0.881	-0.071
4:	0.331	0.198
5:	-0.005	0.035
6:	-0.301	-0.242
7:	-0.484	-0.231
8:	-0.852	-0.034
9:	-1.114	-0.426
10:	0.250	-0.614

X CENTROID: -0.051
 Y CENTROID: 0.040
 POA TO CENTROID: 0.065
 HORZ SPREAD: 1.995
 VERT SPREAD: 1.554
 GROUP SPREAD: 2.315
 MIN RADIUS: 0.046
 MAX RADIUS: 1.187
 MEAN RADIUS: 0.706
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

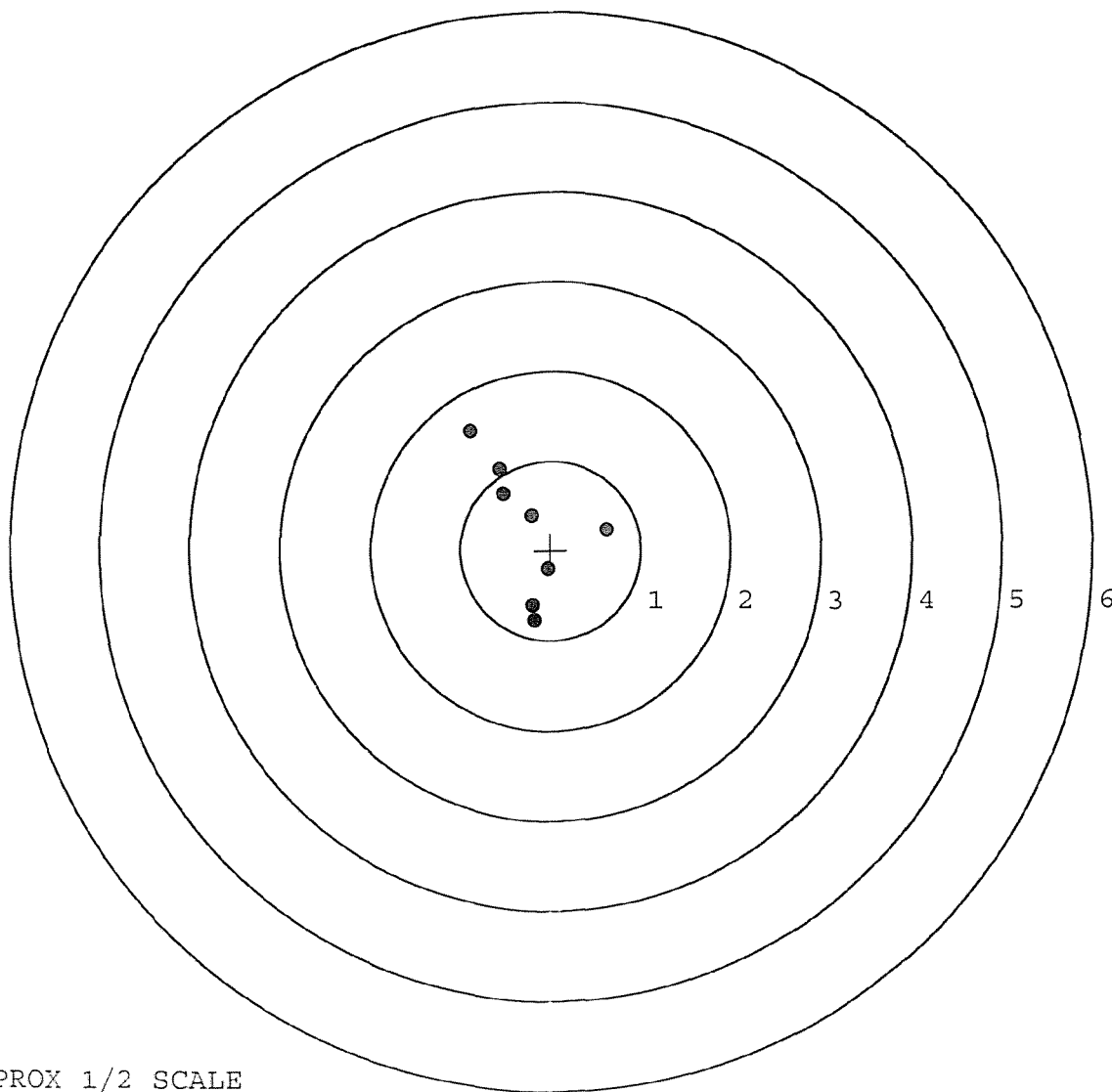


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. __0
 TARGET NUMBER: 2
 FILE DATE: 11/27/2001
 FILE TIME: 11:06

POINT#	X	Y
1:	0.617	0.227
2:	-0.219	0.390
3:	-0.568	0.910
4:	-0.530	0.635
5:	-0.898	1.320
6:	-0.029	-0.213
7:	-0.029	-0.215
8:	-0.186	-0.782
9:	-0.186	-0.784
10:	-0.203	-0.615

X CENTROID: -0.223
 Y CENTROID: 0.087
 POA TO CENTROID: 0.240
 HORZ SPREAD: 1.515
 VERT SPREAD: 2.104
 GROUP SPREAD: 2.221
 MIN RADIUS: 0.303
 MAX RADIUS: 1.405
 MEAN RADIUS: 0.724
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. 0

TARGET NUMBER: 3

FILE DATE: 11/27/2001

FILE TIME: 11:06

X CENTROID: 0.072

Y CENTROID: -0.327

POA TO CENTROID: 0.334

HORZ SPREAD: 1.128

VERT SPREAD: 2.392

GROUP SPREAD: 2.454

MIN RADIUS: 0.030

MAX RADIUS: 1.316

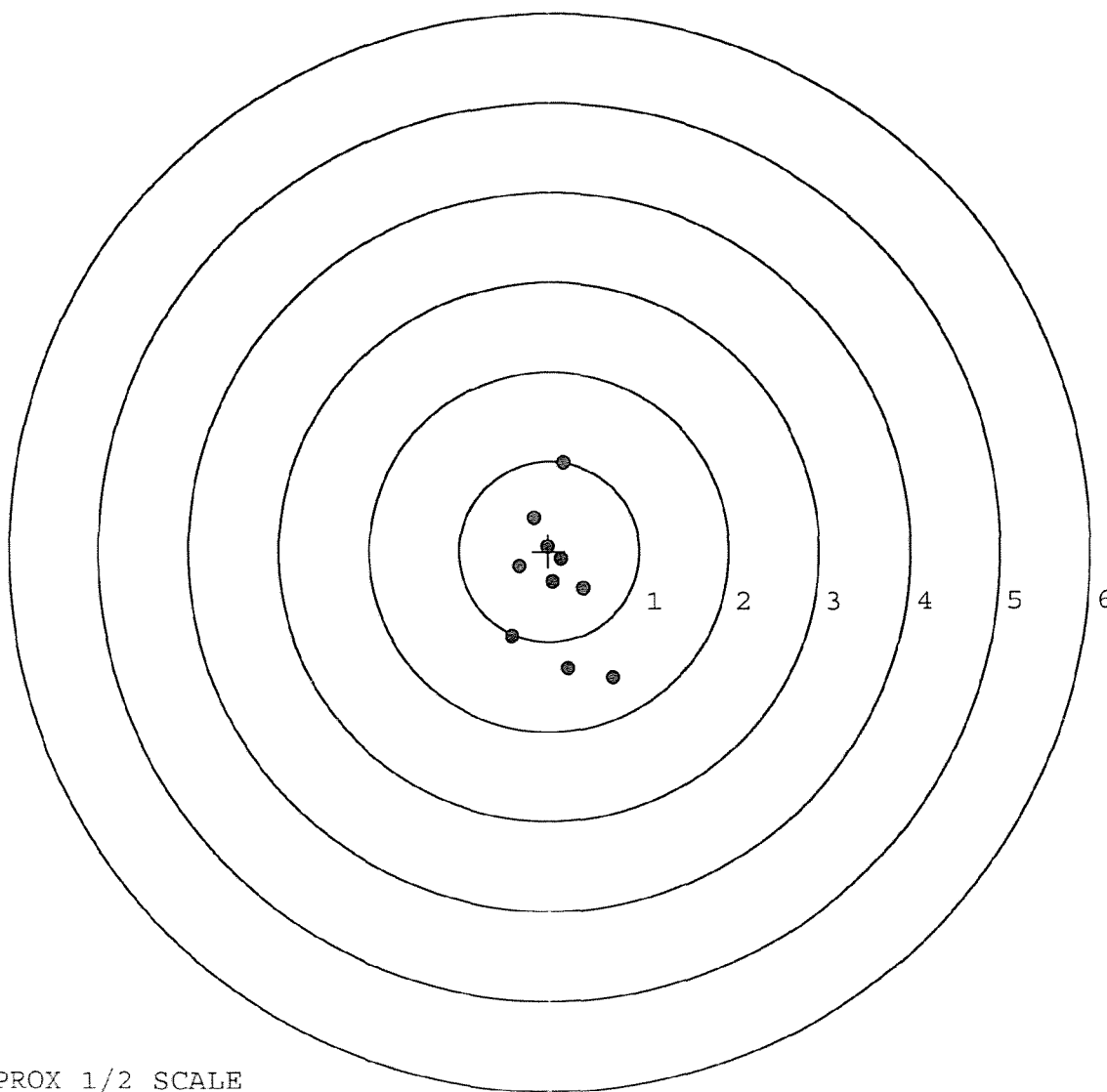
MEAN RADIUS: 0.650

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.162	0.986
2:	-0.169	0.370
3:	-0.329	-0.173
4:	0.386	-0.412
5:	0.046	-0.341
6:	-0.418	-0.943
7:	0.216	-1.306
8:	0.710	-1.406
9:	0.136	-0.091
10:	-0.018	0.050

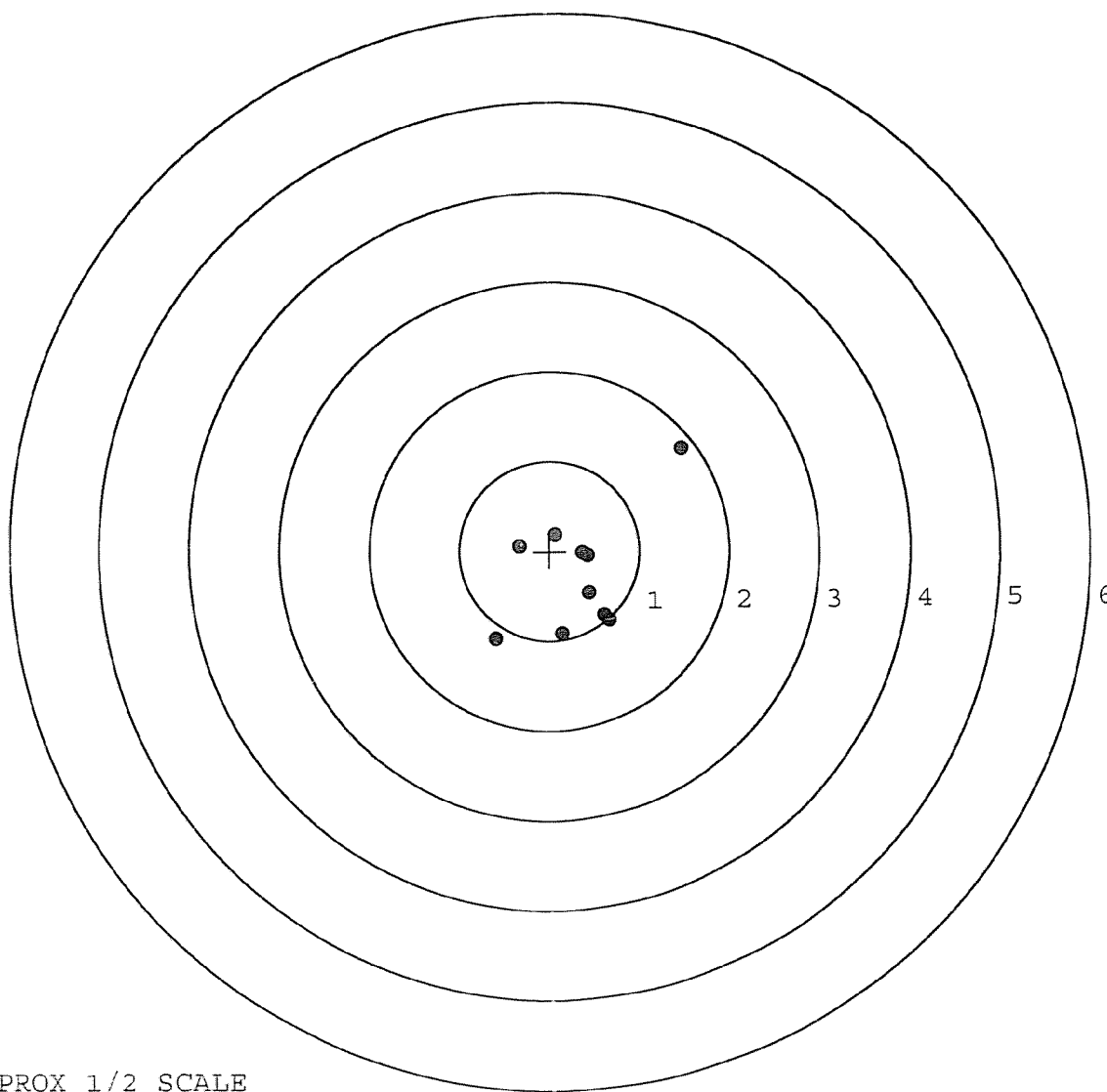


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. __0
 TARGET NUMBER: 4
 FILE DATE: 11/27/2001
 FILE TIME: 11:06

POINT#	X	Y
1:	1.471	1.140
2:	0.662	-0.781
3:	0.437	-0.477
4:	0.420	-0.055
5:	0.064	0.181
6:	-0.335	0.055
7:	0.602	-0.726
8:	0.136	-0.928
9:	-0.605	-0.981
10:	0.365	-0.023

X CENTROID: 0.322
 Y CENTROID: -0.259
 POA TO CENTROID: 0.413
 HORZ SPREAD: 2.076
 VERT SPREAD: 2.121
 GROUP SPREAD: 2.968
 MIN RADIUS: 0.227
 MAX RADIUS: 1.811
 MEAN RADIUS: 0.680
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611747. 0

TARGET NUMBER: 5

FILE DATE: 11/27/2001

FILE TIME: 11:06

POINT#	X	Y
1:	0.835	1.524
2:	0.561	1.235
3:	-0.366	1.012
4:	-0.379	0.392
5:	-0.704	-0.315
6:	0.070	-0.358
7:	-0.054	-0.052
8:	-0.364	-1.959
9:	1.517	-0.354
10:	0.000	-0.123

X CENTROID: 0.112

Y CENTROID: 0.100

POA TO CENTROID: 0.150

HORZ SPREAD: 2.221

VERT SPREAD: 3.483

GROUP SPREAD: 3.684

MIN RADIUS: 0.225

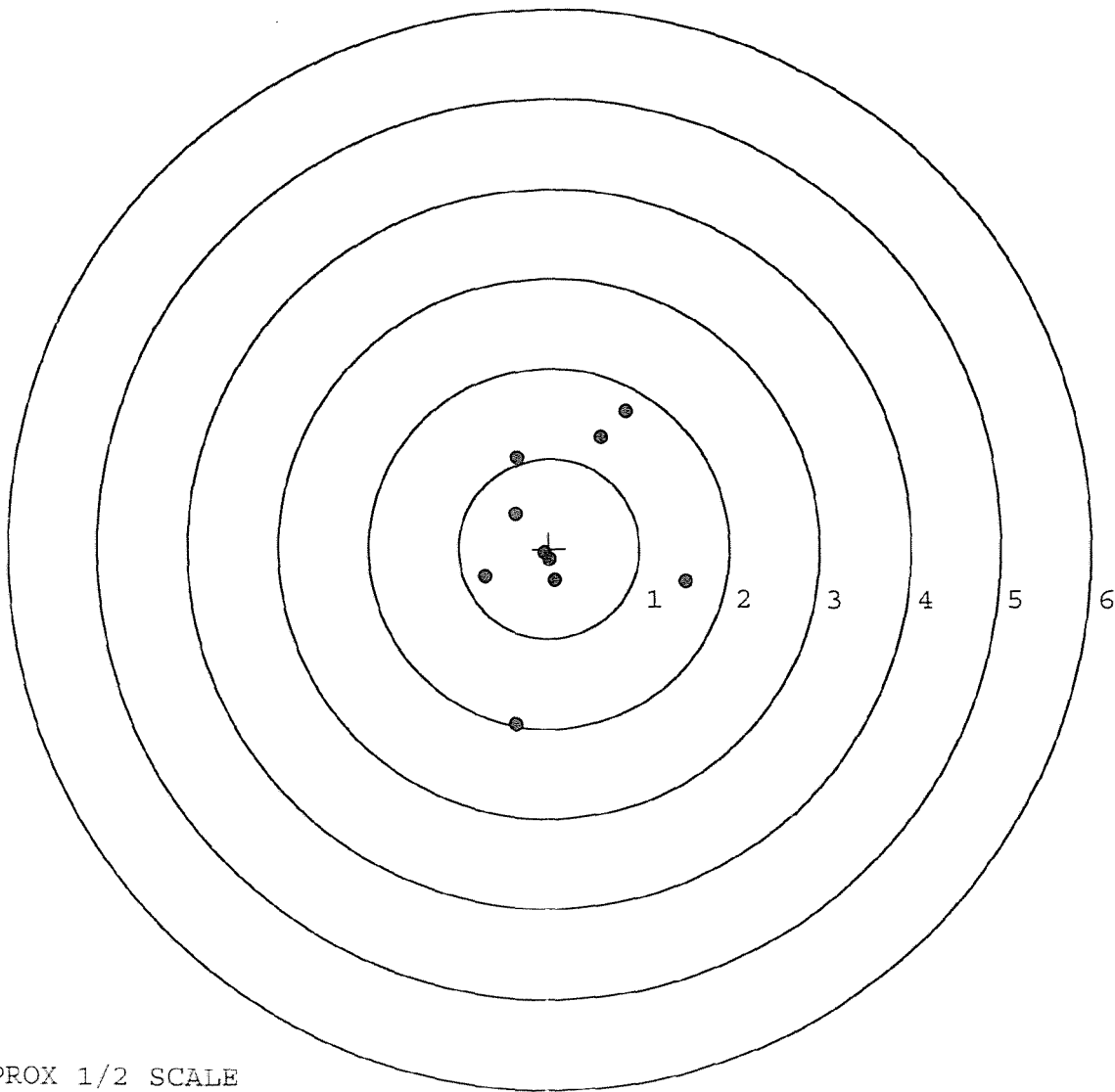
MAX RADIUS: 2.113

MEAN RADIUS: 0.986

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	34890		
SERIAL NUMBER	C6611747		
LOG-IN DATE	11-1-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11/5/01	RH
560 A	RE-BARREL	11/6	BWT
B	DRILL AND TAP	11/7	BWT
575	ASSEMBLE	11-7-01	RW
600	PROOF	11-7-01	RW
605	CHECK HEADSPACE	11-7-01	RW
610	DIS-ASSEMBLE GUN	11-7-01	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	11/12	PH
618	ROTO-BLAST	11/11	PH
620	APPLY COATINGS	11-15	TH
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	AC
655	FINAL INSPECT	11-28-01	RH
660	PACK	11-28-01	DA
		SHIP DATE	
QAR INSPECTION DATE			

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

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

DUPONT

MODEL 700TM H24

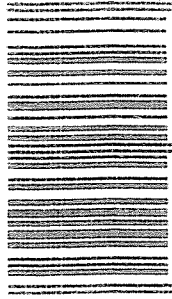
SERIAL NO.
C6611747

ORDER NO.
5716

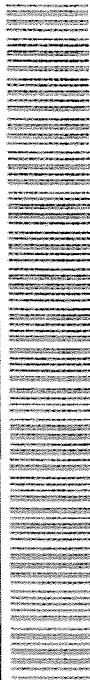
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UPC



0 47700 25746 2



5716 C6611747

MOD. _____		GA. CAL. _____	GUN # <u>1747</u>
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver blade	KS
	2nd	Polished Extractor	KA 3/5/91
	3rd	100 Rd. OK AC	March 11-91
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611747

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KJ
600	Proof		1/10/91	KJ
607	Check Headspace		1/10/91	KJ
610	Dis-assemble Gun		1/10/91	KJ
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GB
617	Drill and Tap Sight Holes	1 18 91		FB
618	Polish Barrel	1 18 91		WB
620	Apply Coatings (Barrel Action)		2-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KJ
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KJ
	C) Inspect Ejector Hole for Chamfer		2/22/91	KJ
	D) Oil Firing Pin Ass'y		2/22/91	KJ
	E) Adjust Trigger Pull to Min Setting and Stake		2-25-91	OH

BARBER - M24 0035262

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 $\frac{3}{4}$	6 $\frac{1}{4}$	5 $\frac{3}{4}$			2-25-91	DH
	G) Safety Off Force	2 $\frac{3}{4}$	2 $\frac{3}{4}$	2 $\frac{1}{4}$			2-25-91	D/H
	H) Trigger Pull Test & Retainability						2-25-91	DH
	I) Firing Pin Indent	.022	.021	.020			2-25-91	DH
	J) Assemble Stock						3/4/91	KA
	K) Assemble Swivel Studs						3-11-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/4/91	KA
	M) Iron Sight Alignment						3/4/91	KA
	N) Detach Front & Rear Sights & place in numbered container						3/4/91	KA
	O) Attach Scope to Rifle						3/4/91	KA
	P) Detach & Attach Scope 20 Times						3/4/91	KA
640	Gallery Target & Test						3-5-91	DH
	A) Time						3-5-91	DH
	B) Malfunctions						3-5-91	DH
	C) Pierced Primers						3-5-91	DH
	D) Optical Clarity of Scope						3-5-91	DH
645	Inspect for Live Ammo						3-5-91	DH
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.49	2.39	2.32	2.31	2.35	3/9/91	KA
	C) Function						3-11-91	DH
660	Pack						3-15-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611747DATE 2-25-91TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.50	2.60	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.43	2.29	2.39	
PULL #3	2.41	2.47	2.62	2.32	
PULL #4	2.36	2.46	2.40	2.31	
PULL #5	2.38	2.38	2.68	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.26		
PULL #2	3.15	3.14		
PULL #3	3.15	3.20		
PULL #4	3.21	3.13		
PULL #5	3.00	3.22		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.16		4.06
PULL #2	4.24	4.19		3.53
PULL #3	4.17	4.20		4.16
PULL #4	4.18	4.13		4.13
PULL #5	4.02	4.23		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611747
5 Mar 1991

CENTROIDAL DISTANCES

0 TO 1	.0578014
1 TO 2	.0893756
1 TO 3	.286435
1 TO 4	.170426
1 TO 5	.059203

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0068
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0177539
THE AMR FOR THIS RIFLE IS: .975

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611747

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 3.085

VS= 1.342

GS= 3.097

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.349

1.156

1.060

MINIMUM X

:

-1.736

-1.309

-1.164

MAXIMUM Y

:

.673

.660

.676

MINIMUM Y

:

-.669

-.682

-.665

CENTROID X

:

.029

.222

.077

CENTROID Y

:

.050

.063

.047

POA TO CENTROID in.

:

.057

.230

.090

MIN RADIUS

:

.202

.302

.249

MEAN RADIUS

:

.981

.879

.840

MAX RADIUS

:

1.740

1.412

1.272

HORIZONTAL SPREAD

:

3.085

2.465

2.224

VERTICAL SPREAD

:

1.342

1.342

1.342

EXTREME SPREAD

:

3.097

2.553

2.337

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

4

NUMBER IN THREE INCH CIRCLE =

9

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CBB11747

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 8

HS = 1.508

VS = 3.291

GS = 3.351

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.798

.886

.917

MINIMUM X

-.710

-.622

-.591

MAXIMUM Y

1.743

1.185

1.016

MINIMUM Y

-1.548

-1.354

-1.228

CENTROID X

-.029

-.117

-.148

CENTROID Y

-.018

-.212

-.043

POA TO CENTROID in.

.034

.242

.154

MIN RADIUS

.338

.412

.258

MEAN RADIUS

1.028

.938

.838

MAX RADIUS

1.914

1.376

1.346

HORIZONTAL SPREAD

1.508

1.508

1.508

VERTICAL SPREAD

3.291

2.539

2.244

EXTREME SPREAD

3.351

2.622

2.251

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

8

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611747

CENTERFIRE PATTERNS # 3

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 1.814

VS= 2.467

GS= 2.633

CENTROID *

PATTERN #	:	3
SHOTS (BEST OF)	:	10 9 8
MAXIMUM X	:	.884 .789 .661
MINIMUM X	:	-.930 -1.025 -.971
MAXIMUM Y	:	1.350 1.292 1.172
MINIMUM Y	:	-1.117 -.967 -.776
CENTROID X	:	-.193 -.098 .030
CENTROID Y	:	-.131 -.281 -.161
POR TO CENTROID in.	:	.234 .298 .163
MIN RADIUS	:	.056 .228 .206
MEAN RADIUS	:	.891 .789 .691
MAX RADIUS	:	1.600 1.409 1.243
HORIZONTAL SPREAD	:	1.814 1.814 1.632
VERTICAL SPREAD	:	2.467 2.259 1.948
EXTREME SPREAD	:	2.633 2.633 2.272
NUMBER IN ONE INCH CIRCLE =	:	2
NUMBER IN TWO INCH CIRCLE =	:	6
NUMBER IN THREE INCH CIRCLE =	:	9

5 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611747

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 7

HS = 2.596

VS = 2.639

GS = 3.348

CENTROID #

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.764	1.138	.679
MINIMUM X	-.832	-.636	-.494
MAXIMUM Y	1.407	1.505	1.338
MINIMUM Y	-1.432	-1.334	-1.295
CENTROID X	.151	-.045	-.187
CENTROID Y	-.069	-.167	-.000
POR TO CENTROID in.	.166	.173	.187
MIN RADIUS	.345	.323	.524
MEAN RADIUS	1.055	.945	.839
MAX RADIUS	1.972	1.753	1.426
HORIZONTAL SPREAD	2.596	1.774	1.173
VERTICAL SPREAD	2.839	2.839	2.633
EXTREME SPREAD	3.348	3.348	2.633
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	7	

5 Mar 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C8811747

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 1.724

VS= 2.727

GS= 2.875

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.739
MINIMUM X	-1.985
MAXIMUM Y	.772
MINIMUM Y	-1.955
CENTROID X	.076
CENTROID Y	.086
POA TO CENTROID in.	.115
MIN RADIUS	.382
MEAN RADIUS	.920
MAX RADIUS	2.132
HORIZONTAL SPREAD	1.724
VERTICAL SPREAD	2.727
EXTREME SPREAD	2.875
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	9