

G686 8465
Replaces
C6225525

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: **RE00169255** Serial: **C6225525** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair Caliber: **7.62 NATO** Status: **Closed 6/8/2009 11:24:33 AM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **B CO 2/7** **B CO 2/7**
 Address 1: **SFG (A)** **SFG (A)**
 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 **Received Condition** **Accessories Received**

Phone: **NN** **Fair**

Fax: _____

Email: _____

Comments: _____

Condition Notes: _____

CSR Notes: _____

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sqr Base	1
D0C0	MARS RAIL	1

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

nodeij 6/8/2009 12:04 PM CAPS NUM DNS SCPL

start 4 Microsoft... 4 Microsoft... Excite Mail... Arms Services... SAP Logon... Part Search b... 12:03 PM

G 686 8465 New

~~Serial Number: C6225525~~

Model: M24 SWS



RE00169255

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

169255

SERIAL NUMBER

~~C6225525~~ C6868465

LOG-IN DATE

6-8-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-9-09	RTZ
505	RE-BARREL	6-11-09	RTZ
420	ASSEMBLE	6-11-09	RTZ
440	PROOF	6-11-09	SPD
460	CHECK HEADSPACE	6-11-09	SPD
470	DIS-ASSEMBLE GUN	6-11-09	SPD
480	MAGNAFLUX	6-13-09	SPD
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK CALIBER	6-16-09	RTZ
520	GOFF BLAST BBL / REC	6-16-09	RTZ
530 & 540	APPLY COATINGS	6-17-09	RTZ
560	FINAL ASSEMBLY	6-18-09	RTZ
640	FUNCTION TEST AND	6-22-09	RTZ
650	TARGET	6-22-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.75 2.68 2.70 2.64 2.70	6-22-09
680	F) SAFETY ON FORCE	4.0 4.0 4.0	6-22-09
	G) SAFETY OFF FORCE	5.0 5.0 5.0	6-22-09
	I) FIRING PIN INDENT	.004 .004 .004	6-22-09
690	PACK		6-22-09

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6868465.__0

FILE DATE AND TIME: 06/22/2009 14:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.019
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.481
The Distance from POA to Centroid Target #1:	0.192
The Distance from Centroid Target #2 to Centroid Target #1:	0.360
The Distance from Centroid Target #3 to Centroid Target #1:	0.192
The Distance from Centroid Target #4 to Centroid Target #1:	0.103
The Distance from Centroid Target #5 to Centroid Target #1:	0.266

BARBER - M24 0094907

SERIAL NUMBER: G6868465. __0

TARGET NUMBER: 1

FILE DATE: 06/22/2009

FILE TIME: 14:49

POINT#	X	Y
1:	-0.012	0.620
2:	-0.250	0.355
3:	0.737	-0.046
4:	-0.136	0.142
5:	-0.346	-0.114
6:	-0.812	-0.172
7:	-0.500	-0.582
8:	-0.229	-0.303
9:	0.026	-0.251
10:	-0.326	-0.160

X CENTROID: -0.185

Y CENTROID: -0.051

POA TO CENTROID: 0.192

HORZ SPREAD: 1.549

VERT SPREAD: 1.202

GROUP SPREAD: 1.554

MIN RADIUS: 0.173

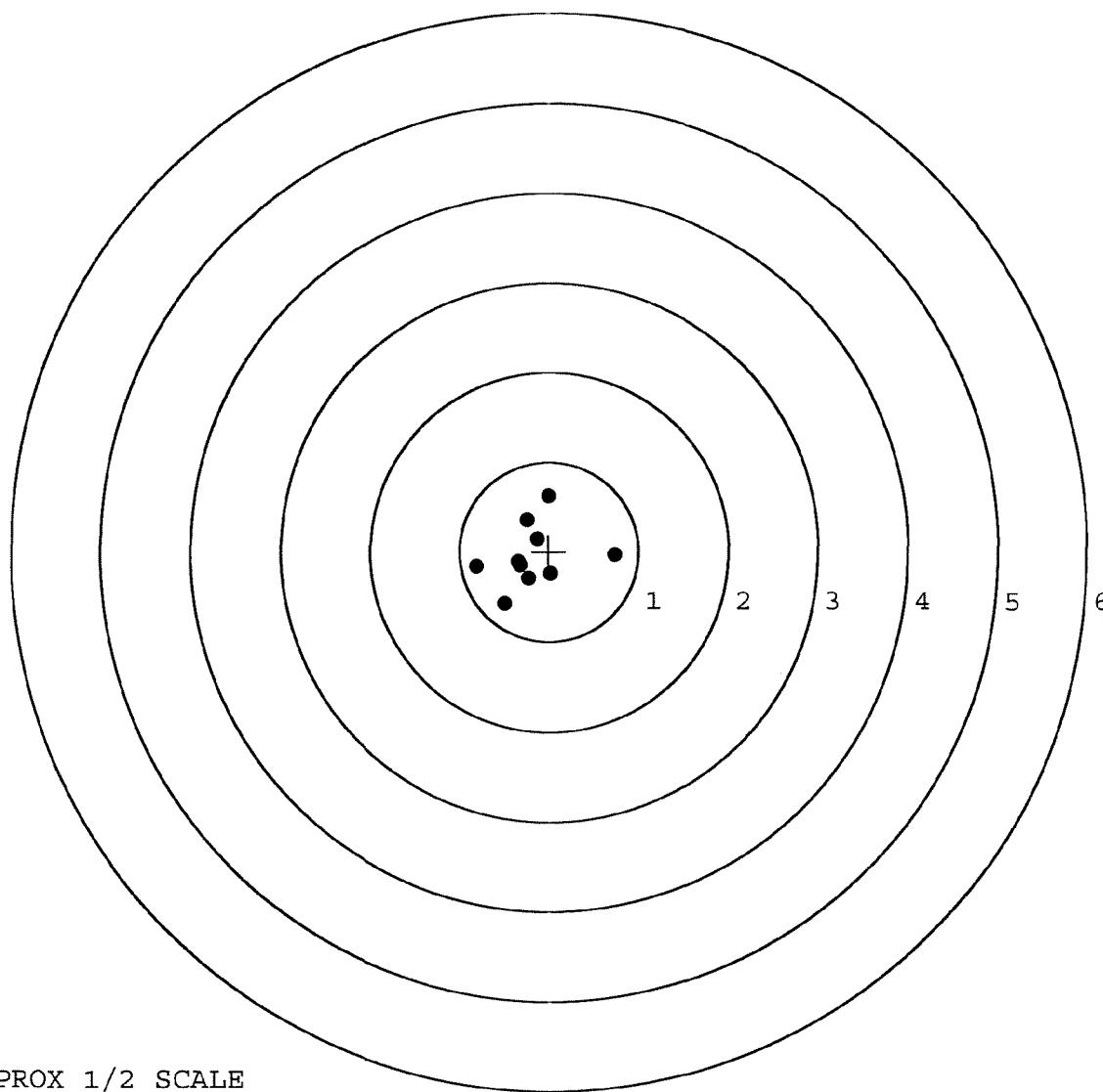
MAX RADIUS: 0.922

MEAN RADIUS: 0.438

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0094908

SERIAL NUMBER: G6868465. __0

TARGET NUMBER: 2

FILE DATE: 06/22/2009

FILE TIME: 14:49

POINT#	X	Y
1:	0.109	0.574
2:	0.291	0.609
3:	0.236	0.334
4:	0.725	0.013
5:	0.568	-0.137
6:	-0.532	-0.201
7:	-0.444	0.270
8:	-0.926	0.558
9:	0.270	0.065
10:	0.303	0.041

X CENTROID: 0.060

Y CENTROID: 0.213

POA TO CENTROID: 0.221

HORZ SPREAD: 1.651

VERT SPREAD: 0.810

GROUP SPREAD: 1.739

MIN RADIUS: 0.214

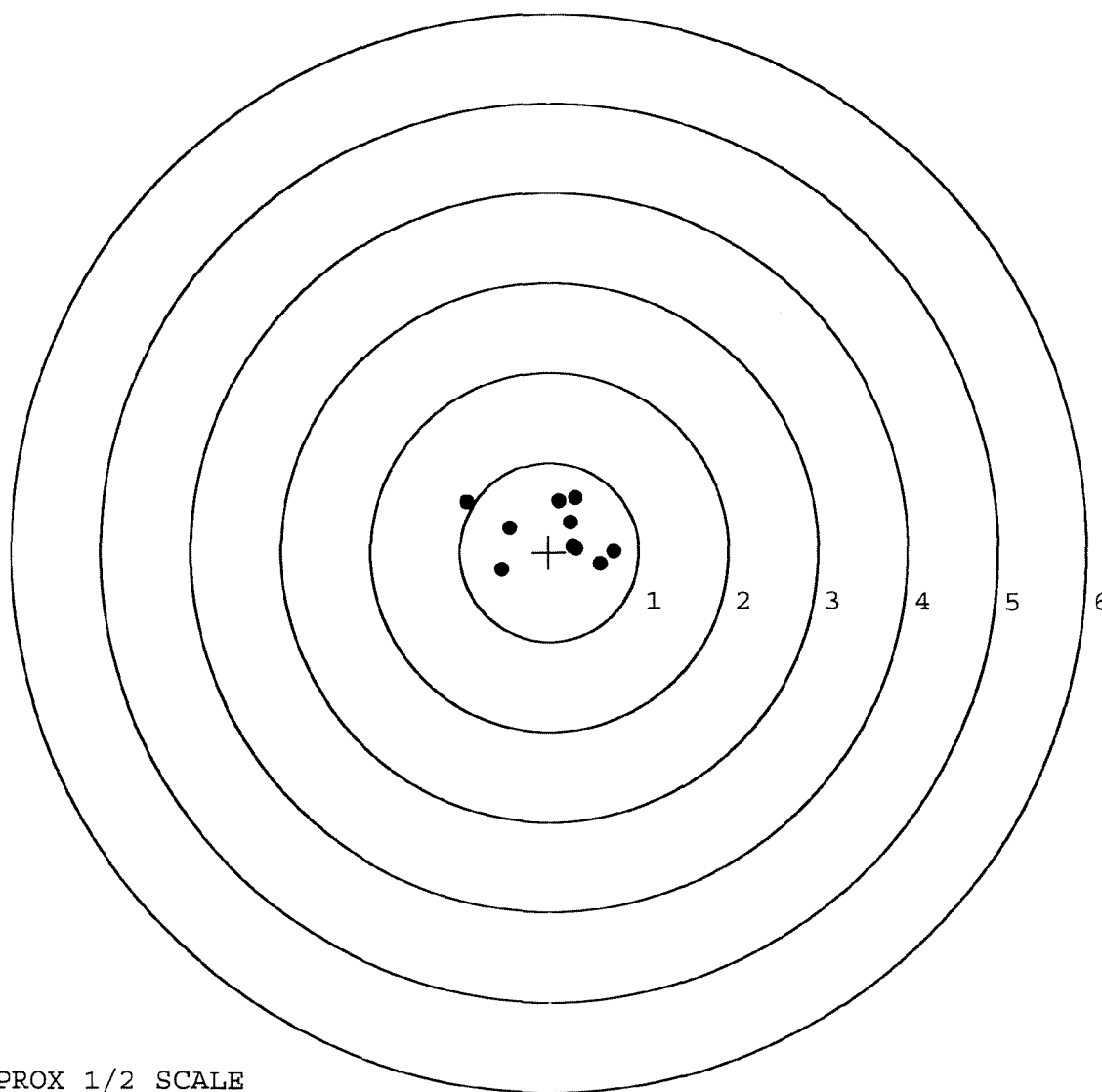
MAX RADIUS: 1.045

MEAN RADIUS: 0.518

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

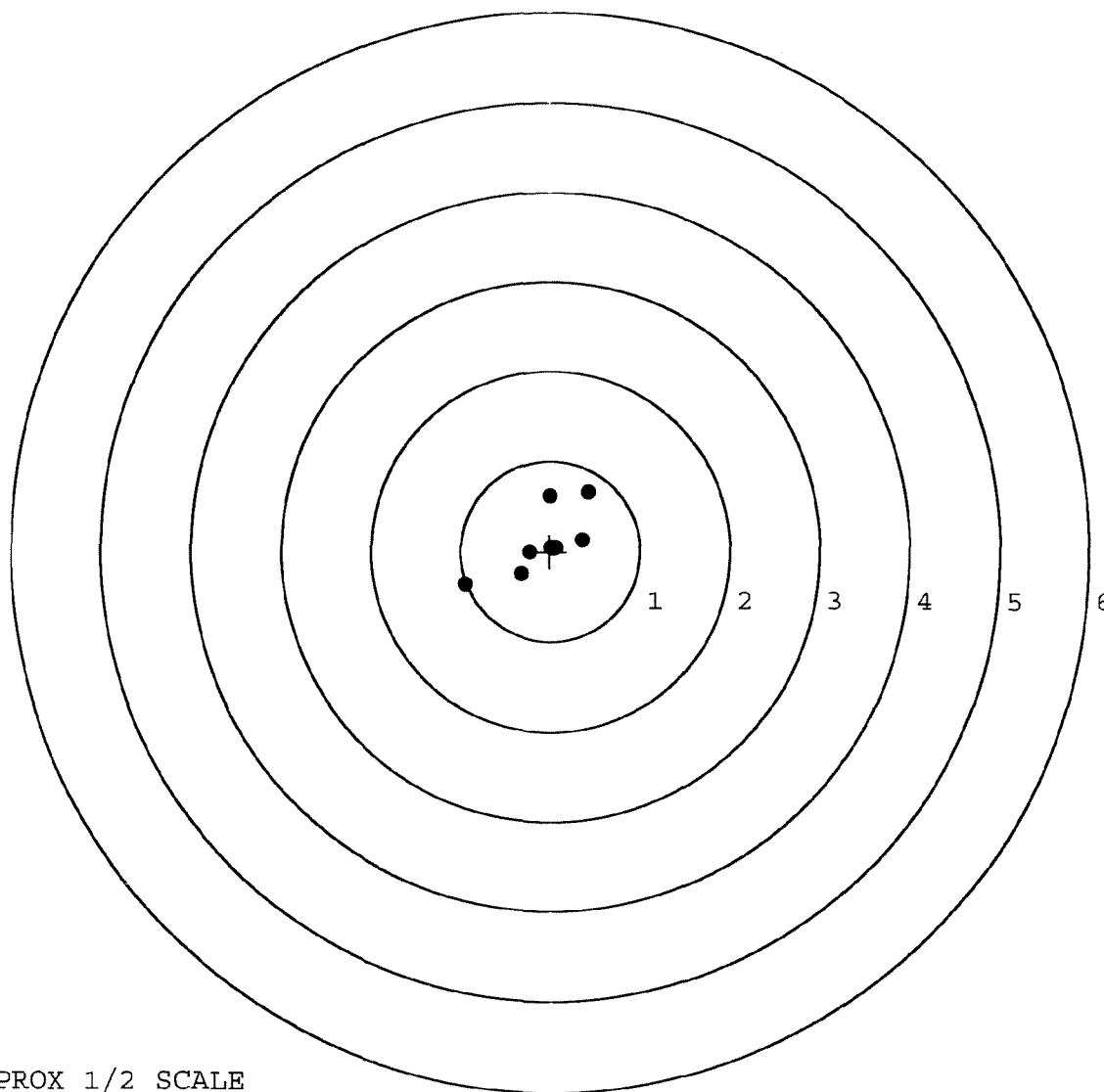
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0094909

SERIAL NUMBER: G6868465. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.423	0.654
FILE DATE: 06/22/2009	2:	-0.003	0.614
FILE TIME: 14:49	3:	0.354	0.128
	4:	-0.227	-0.010
X CENTROID: -0.057	5:	-0.324	-0.254
Y CENTROID: 0.093	6:	-0.947	-0.368
POA TO CENTROID: 0.109	7:	0.023	0.041
HORZ SPREAD: 1.370	8:	0.043	0.038
VERT SPREAD: 1.022	9:	0.067	0.040
GROUP SPREAD: 1.709	10:	0.020	0.042
MIN RADIUS: 0.092			
MAX RADIUS: 1.002			
MEAN RADIUS: 0.375			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0094910

SERIAL NUMBER: G6868465. 0

TARGET NUMBER: 4

FILE DATE: 06/22/2009

FILE TIME: 14:49

POINT#	X	Y
1:	-0.250	0.769
2:	-0.674	0.393
3:	-0.733	0.107
4:	-0.407	-0.072
5:	0.049	-0.498
6:	0.359	-0.524
7:	0.269	0.465
8:	0.140	-0.266
9:	0.047	-0.075
10:	0.004	-0.010

X CENTROID: -0.120

Y CENTROID: 0.029

POA TO CENTROID: 0.123

HORZ SPREAD: 1.092

VERT SPREAD: 1.293

GROUP SPREAD: 1.429

MIN RADIUS: 0.130

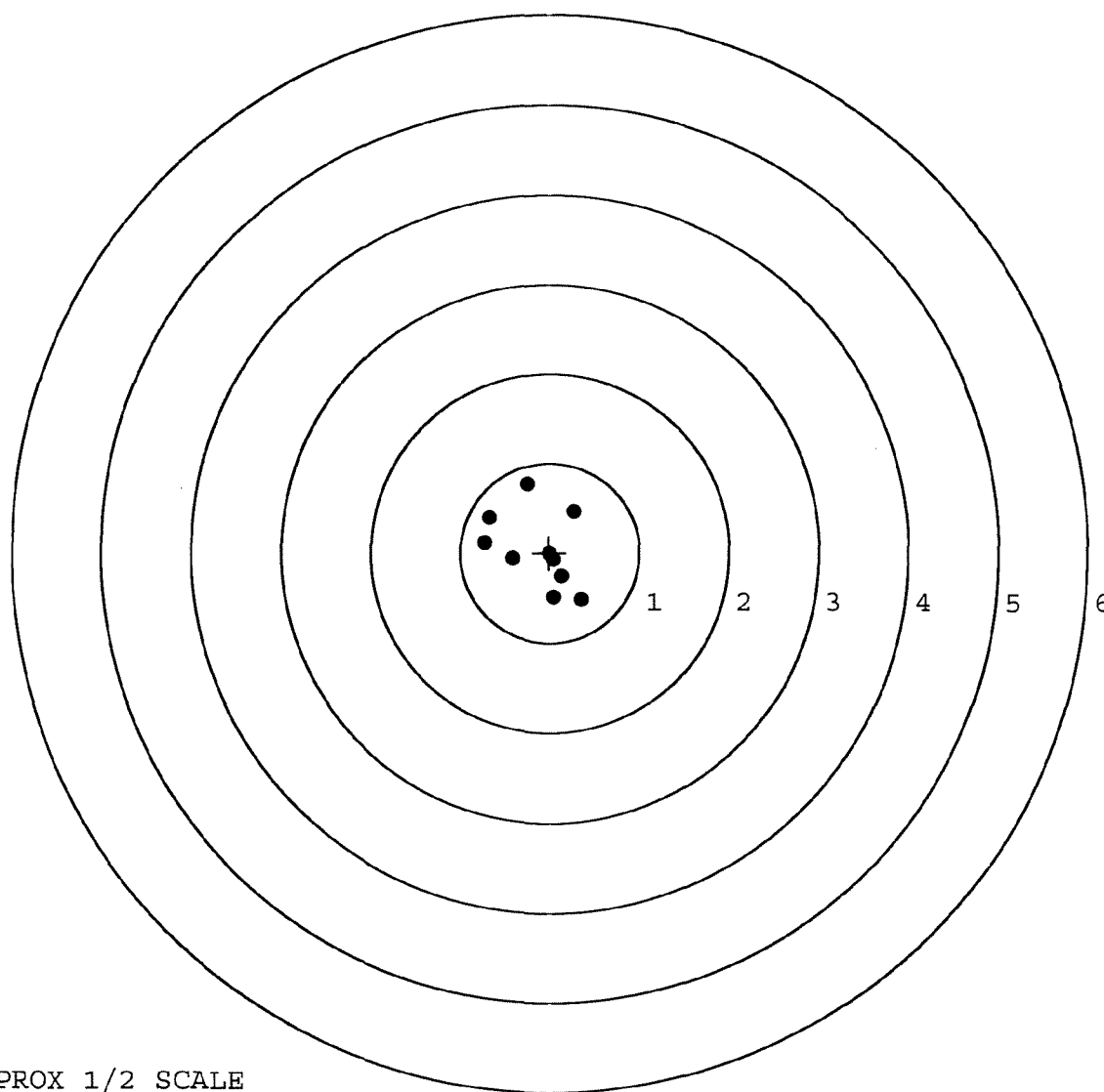
MAX RADIUS: 0.751

MEAN RADIUS: 0.493

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0094911

SERIAL NUMBER: G6868465. __0

TARGET NUMBER: 5

FILE DATE: 06/22/2009

FILE TIME: 14:49

POINT#	X	Y
1:	-0.360	0.802
2:	-0.164	0.552
3:	0.478	0.100
4:	0.792	-0.869
5:	-0.695	-0.500
6:	-0.374	-0.500
7:	-0.076	-0.369
8:	0.150	-0.410
9:	0.362	-0.340
10:	0.320	-0.342

X CENTROID: 0.043

Y CENTROID: -0.188

POA TO CENTROID: 0.193

HORZ SPREAD: 1.487

VERT SPREAD: 1.671

GROUP SPREAD: 2.030

MIN RADIUS: 0.217

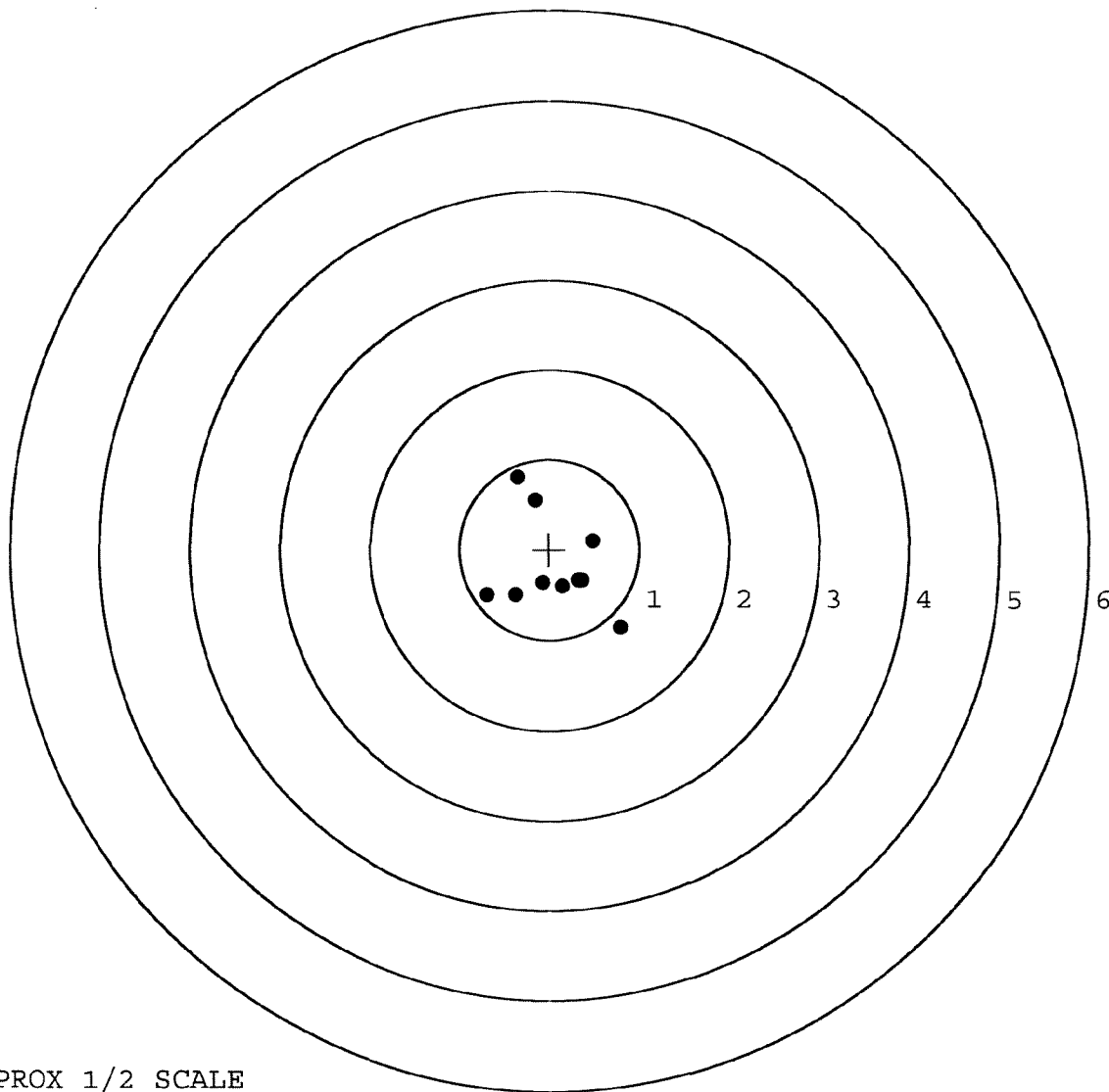
MAX RADIUS: 1.069

MEAN RADIUS: 0.583

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0094912
RECEIVING AND ESTIMATING REPORT

COMMENTS

M24

ORDER
R 96-13364

INITIAL FPS	CUSTOMER ORDER NO. 11354	DATE RECEIVED 05/30/96		DATE OPENED 05/30/96	DATE CODE BJ 1-89	SERIAL NUMBER C6225525	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES		W/STUDS SCOPE BASE							

FROM:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

SHIP TO:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

CUST NO: 143691 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA DOOR
----------------	--------------------	--------------------------------	------------	-----------	-------------

- 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 Barrel - 96003	COMMENTS Repowder Coat - Trigger Guard Assy, Front & Rear Sight Bases Re-line Scope Base & Swivel Studs				
REPAIRMAN RW	PROOF RW	CLEAN ✓	TEST K	TARGET K	PATTERN
GALLERY TESTER RW	DATE 6/6/96	DATE 6/8/96	DATE 6/18/96	DATE 6/18/96	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0094912

PAYMENT:
Mastercard / Visa (circle one)

Card #: _____

Exp. Date: _____

Signature: _____

RETURN:

- ☐ Clark Street Entrance
☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE 011354

DATE 05-29-96

CUSTOMER NAME: Gordon Adam Strong

ADDRESS: Ft. Briggs, CA

ZIP: _____

PHONE: _____

FIREARM _____

MODEL: 24

GAUGE: _____

SERIAL # _____

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE # _____

DEPT. # _____

CHECK FOR AMMUNITION ☒

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____

SLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: _____

SIGNATURE: _____
(Person delivering firearm to Plant)

DATE: 28 MAR 96

SIGNATURE: _____
(Security Officer)

DATE: 05-29-96

SIGNATURE: _____
(Firearm picked up by)

DATE: 5/30/96

Arm Service Copy

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG						CSGLD - 1047(R1)	
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/7 SFG(A) FT. BRAGG, NC 28307		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00DO	
2. SERIAL NO. C6225525		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO. 1124		5. MODEL 1005-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL		9A. MCSR ITEM		9B. SRC	
		6. UTILIZATION CODE		9C. PACING ITEM		10. HOURS	
						11. MILES	
						12. ROUNDS	
						13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment			
☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other				☐ 008 Noisy ☐ 387 Low Performance ☒ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)							
DUE TO THE NUMBER OF ROUNDS FIRED, THE BARREL NEEDS REPLACED							
B. REMARKS REBARREL AND RETURN REQUESTED. POC IS CPT BURNS AT (910) 432-5208							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3. 13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.							
23. SUBMITTED BY		24. RECEIVED BY					
JULIAN DATE		JULIAN DATE					

MAINTENANCE REQUEST										PAGE NO	NO OF PAGES	REQUIREMENTS CONTROL SYMBOL											
For use of this form, see DA PAM 738-750, the proponent agency is DCSLOG										CSGLD - 1047(R1)													
SECTION I - EQUIPMENT DATA																							
CONTROL NUMBER		WORK ORDER NO.				WESDC		ORG. PD		PD AUTHENTICATION													
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/19 SFG(A) FT. YRAGG, NC 28307				B. LOCATION CLIK E-3928 FT. YRAGG, NC 28307				C. UNIT IDENT CODE NH00DO													
2. SERIAL NO. 66225525		3. NOUN NOMENCLATURE RIFLE, SNIPER				4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-240-2136													
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		10. HOURS		11. MILES		12. ROUNDS		13. STARTS					
14. FAILURE DETECTED DURING (Select one - use ☒ or X)										15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)													
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment											
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance		☒ Other											
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). DUE TO THE NUMBER OF ROUNDS FIRED, THE BARREL NEEDS REPLACED																							
B. REMARKS REBARREL AND RETURN REQUESTED. POC IS CPT KURNS AT (910) 432-5208																							
SECTION II - WORK ACCOMPLISHED																							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE				18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT CODE											
B. LOCATION								☐ 1 TOE ☐ 2 TD ☐ 3 Contractor															
20A. ACT. CODE		B. FAILURE CODE		C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)		E. NATIONAL STOCK NUMBER			F. PART SOURCE CODE		G. QTY.		H. PARTS COST							
(1) CB CODE		(2) REF DESIGN		(3) MFR. CODE																			
				I. TOTAL MANHOURS				J. TOTAL MANHOURS COST				K. TOTAL PARTS COST											
								\$				\$											
21. DELAY (Select One)				☐ 1 Parts		☐ 2 Manpower		☐ 3 Facilities		☐ 4 Funds		☐ 5 Tools		22. Data Transcribed									
23. SUBMITTED BY				24. RECEIVED BY				25. WORK STARTED BY				26. INSPECTED BY				27. ACCEPTED BY				28. DISPOSITION (Select One)			
																				☐ A To User ☐ D Evacuated			
																				☐ B To Stock ☐ E Cannibalization			
																				☐ C Salvaged			
JULIAN DATE				JULIAN DATE				JULIAN DATE				JULIAN DATE				JULIAN DATE							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225525
17 Apr 1900

CENTROIDAL DISTANCES

0 TO	1	.443898
1 TO	2	.320339
1 TO	3	.401299
1 TO	4	.315357
1 TO	5	.144941

3
4
-----POB

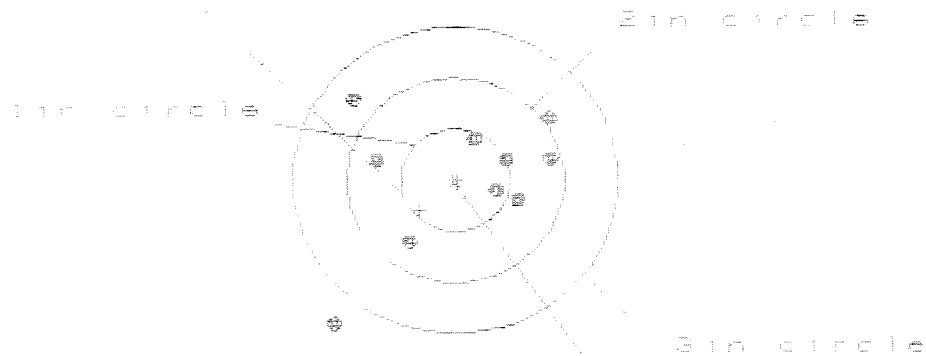
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1424
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .353
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .38064
THE AMR FOR THIS RIFLE IS: .905

17 Apr 1988

FILE: \PATTERNING\CENTERFIRE_PATT\08225585

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.063

VD = 2.200

GS = 2.930

CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.891	.761	.623
MINIMUM X	-1.171	-1.106	-.952
MAXIMUM Y	.770	.610	.557
MINIMUM Y	-1.439	-.807	-.731
CENTROID X	.329	.459	.597
CENTROID Y	.298	.458	.382
POA TO CENTROID (in.)	.444	.648	.789
MIN RADIUS	.345	.235	.196
MEAN RADIUS	.805	.675	.557
MAX RADIUS	1.856	1.263	.995
HORIZONTAL SPREAD	2.063	1.867	1.575
VERTICAL SPREAD	2.209	1.417	1.268
EXTREME SPREAD	2.930	1.896	1.824
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

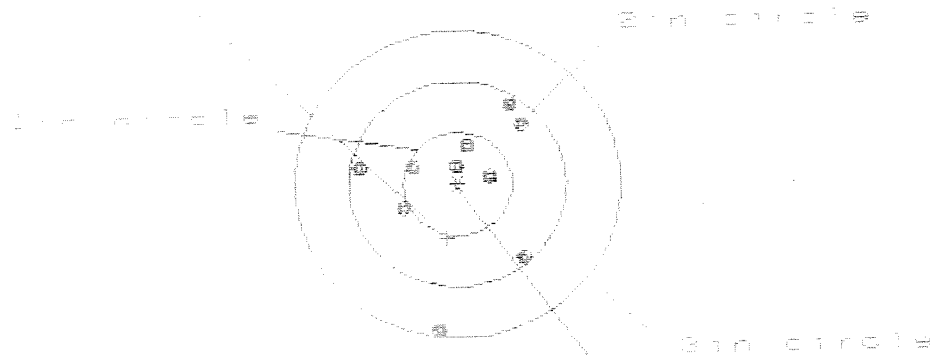
17 Apr 1988

FILE/PATTERNING/CENTERFIRE_PATT/08225585

CENTERFIRE PATTERNS

2

POR



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HSI = 1.481

VS = 2.189

GS = 2.312

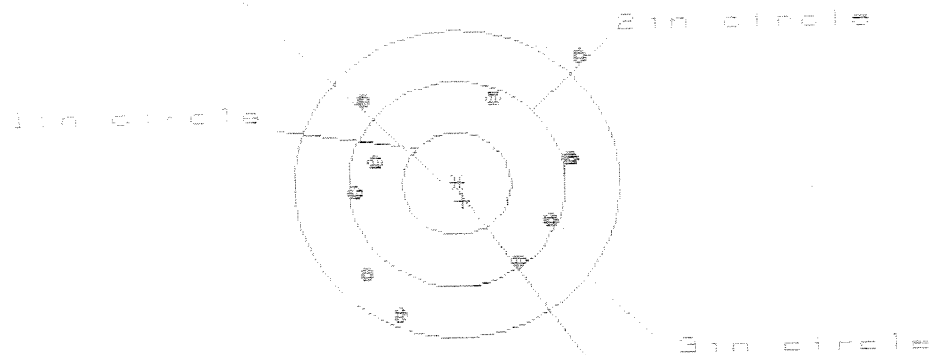
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.601	.574	.633
MINIMUM X	-.880	-.907	-.848
MAXIMUM Y	.804	.650	.487
MINIMUM Y	-1.385	-.886	-.804
CENTROID X	.105	.132	.073
CENTROID Y	.527	.681	.599
POR TO CENTROID	.537	.693	.604
MIN RADIUS	.135	.059	.060
MEAN RADIUS	.685	.569	.543
MAX RADIUS	1.407	1.044	1.010
HORIZONTAL SPREAD	1.481	1.481	1.481
VERTICAL SPREAD	2.189	1.536	1.291
EXTREME SPREAD	2.312	1.695	1.695
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	9	
NUMBER IN THREE INCH CIRCLE	=	10	

17 Apr 1998

FILE: \PATTERNING\CENTERFIRE_PAT1\08225525

CENTERFIRE PATTERNS # 3 FOR



OF SHOTS= 10

IN CIR

1 in = 5

2 in = 5

3 in = 0

ME= 2.628

VS= 2.518

GS= 3.018

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.113	1.216	1.162
MINIMUM X	-0.912	-0.788	-0.842
MAXIMUM Y	1.258	0.981	0.841
MINIMUM Y	-1.288	-1.128	-0.913
CENTROID X	-0.051	-0.175	-0.121
CENTROID Y	0.169	0.038	0.178
POA TO CENTROID in.	0.177	0.177	0.209
MIN RADIUS	0.778	0.731	0.713
MEAN RADIUS	1.112	1.034	1.004
MAX RADIUS	1.588	1.283	1.286
HORIZONTAL SPREAD	2.025	2.004	2.004
VERTICAL SPREAD	2.518	2.101	1.754
EXTREME SPREAD	3.018	2.282	2.282
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

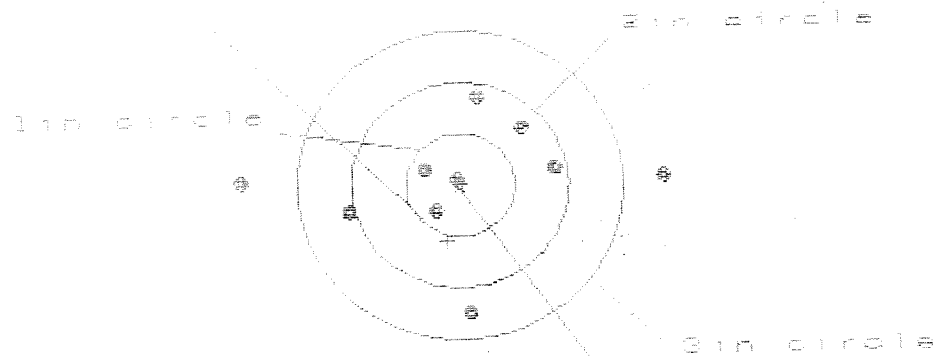
17 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08223525

CENTERFIRE PATTERNS

4

POR



OF SHOTS= 12

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 3.847

VS= 2.106

GS= 3.847

CENTROID *

PATTERN #

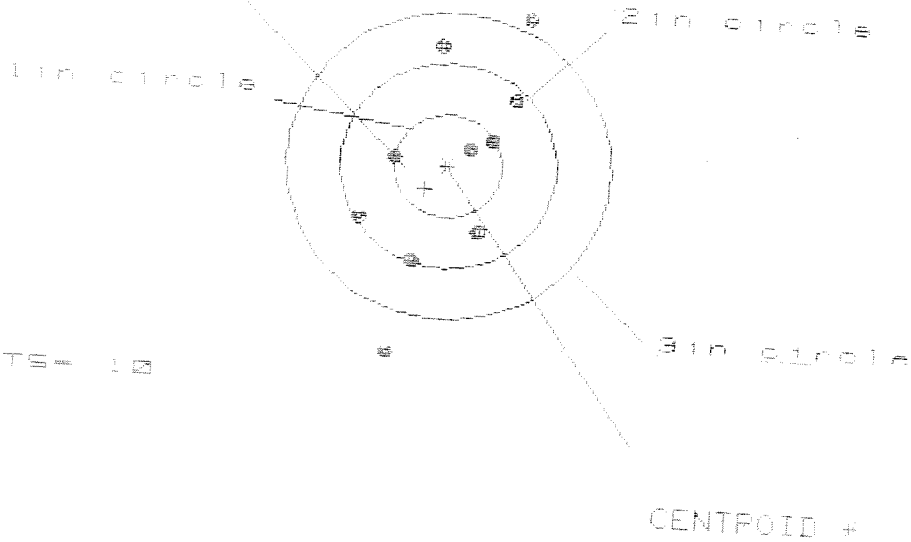
	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.864	1.644	.847
MINIMUM X	-1.983	-1.224	-1.019
MAXIMUM Y	.816	.819	.821
MINIMUM Y	-1.290	-1.288	-1.285
CENTROID X	.128	.348	.143
CENTROID Y	.541	.539	.536
POR TO CENTROID in.	.556	.642	.555
MIN RADIUS	.890	.258	.099
MEAN RADIUS	.953	.858	.713
MAX RADIUS	1.983	1.644	1.286
HORIZONTAL SPREAD	3.847	2.868	1.866
VERTICAL SPREAD	2.106	2.106	2.106
EXTREME SPREAD	3.847	2.884	2.109
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

17 Apr 1988

FILE: PATTERNING/CENTERFIRE_PATT/08225525

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 1.469

VS= 3.317

GS= 3.516

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.654	.597	.590
MINIMUM X	-.815	-.972	-.797
MAXIMUM Y	1.508	1.307	1.136
MINIMUM Y	-1.809	-1.113	-.950
CENTROID X	.201	.258	.183
CENTROID Y	.230	.431	.268
POA TO CENTROID in.	.305	.502	.324
MIN RADIUS	.249	.129	.240
MEAN RADIUS	.940	.811	.733
MAX RADIUS	1.880	1.437	1.138
HORIZONTAL SPREAD	1.469	1.469	1.387
VERTICAL SPREAD	3.317	2.420	2.086
EXTREME SPREAD	3.516	2.601	2.098
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	8	

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO.

C6225525

LOG IN DATE: 5/30/96		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6/6/96	RW
605	CHECK HEADSPACE	6/6/96	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	6/18/96	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	6/18/96	RW
655	FINAL INSPECT	6/20/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225525

DATE REC'D: 5/30/76

DATE RET'D:

AUDITOR: AW

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:

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225525

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12-22-88	RW.
	Magnaflux Bolt		1-3-89	RW.
615	Rollmark Caliber		4/23/89	M.A.C.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-18-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/89	RW
	C) Inspect Ejector Hole for Chamfer		1/19/89	RW
	D) Oil Firing Pin Ass'y		1/19/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/19/89	RW

op. #	OP. NAME	READINGS			DATE	INITIAL
625 cont.	F) Safety On Force	4	5	5	25 Jan 89	JLH
	G) Safety Off Force	3	3	3	25 Jan 89	JLH
	H) Trigger Pull Test & Retainability				19 Jan 89	JLH
	I) Firing Pin Indent	.022	.0215	.022	25 Jan 89	JLH
	J) Assemble Stock				1/26/89	RW
	K) Assemble Swivel Studs				1/26/89	RW
	L) Attach Front and Rear Sight Assemblies				1/26/89	RW
	M) Iron Sight Alignment				1/26/89	RW
	N) Detach Front & Rear Sights & place in numbered container				1/26/89	RW
	O) Attach Scope to Rifle				1/26/89	RW
	P) Detach & Attach Scope 20 Times				1/27/89	WCB
640	Gallery Target & Test	63 R	89L		1/31/89	K
	A) Time					K
	B) Malfunctions			NONE		K
	C) Pierced Primers			NONE		K
	D) Optical Clarity of Scope			OK	1/31/89	K
645	Inspect for Live Ammo			NONE	1/31/89	K
655	Final Inspection					
	A) Headspace				1 Feb 89	JLH
	B) Trigger Pull	2.12	2.18	2.19	1 Feb 89	JLH
	C) Function				1 Feb 89	JLH
660	Pack				23 Mar 89	JLH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5525

DATE 8/17/90

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.47	2.50		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.11	2.44	2.45		
PULL #3	2.41	2.44	2.40		
PULL #4	2.50	2.49	2.51		
PULL #5	2.41	2.48	2.30		
TOTAL	11.90	12.32	12.16		
AVG.	2.38	2.464	2.432		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.27		
PULL #2	3.24	3.33		
PULL #3	3.17	3.27		
PULL #4	3.19	3.25		
PULL #5	3.34	3.29		
TOTAL	16.13	16.41		
AVG.	3.226	3.282		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.44		4.34
PULL #2	4.70	4.27		4.32
PULL #3	4.21	4.30		4.22
PULL #4	4.10	4.35		4.36
PULL #5	4.38	4.36		4.40
TOTAL	21.01	21.77		21.64
AVG.	4.202	4.354		4.328

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225525
2 Feb 1989

CENTROIDAL DISTANCES

0 TO 1	.613236
1 TO 2	.693311
1 TO 3	.587716
1 TO 4	.152591
1 TO 5	.321111

FOR

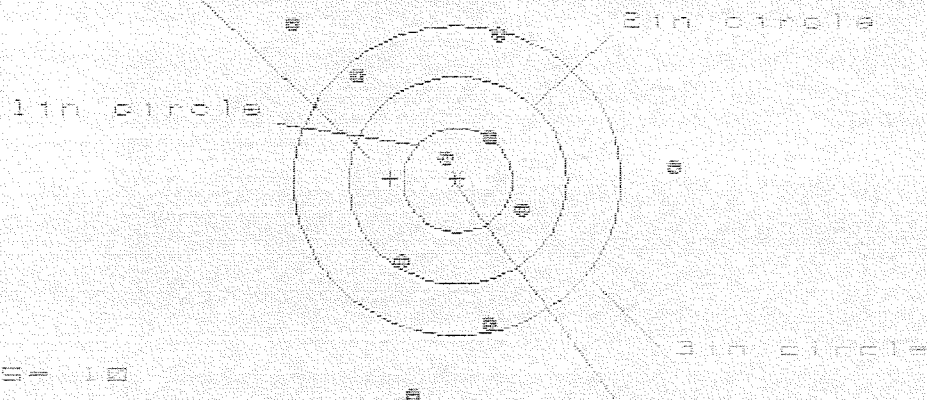
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3112
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0144
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .311533
THE AMR FOR THIS RIFLE IS: 1.044

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225525

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.485

VS = 3.594

CS = 3.754

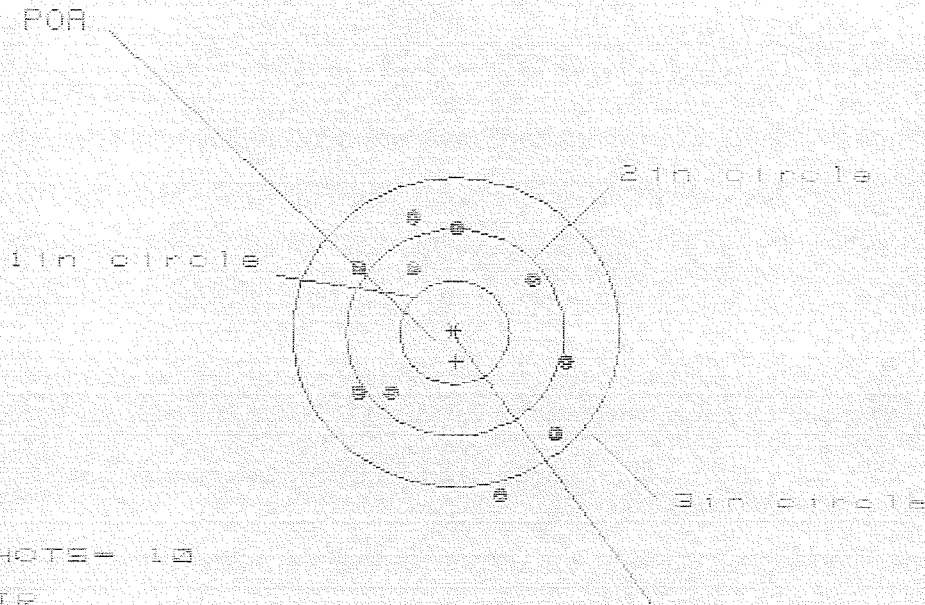
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.968	1.918	1.722
MINIMUM X	:	-1.517	-1.567	-1.186
MAXIMUM Y	:	1.484	1.249	1.303
MINIMUM Y	:	-2.110	-1.634	-1.478
CENTROID X	:	.613	.663	.859
CENTROID Y	:	-.017	.218	.062
FOR TO CENTROID in.	:	.614	.698	.861
MIN RADIUS	:	.268	.210	.341
MEAN RADIUS	:	1.291	1.165	1.061
MAX RADIUS	:	2.157	2.004	1.722
HORIZONTAL SPREAD	:	3.485	3.485	2.988
VERTICAL SPREAD	:	3.594	2.883	2.781
EXTREME SPREAD	:	3.754	3.754	3.060
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	7		

31 Jan 1989

FILE: PATTERNING/CENTERFIRE_PATT/C8225525

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS = 1.940

VS = 2.684

GS = 2.803

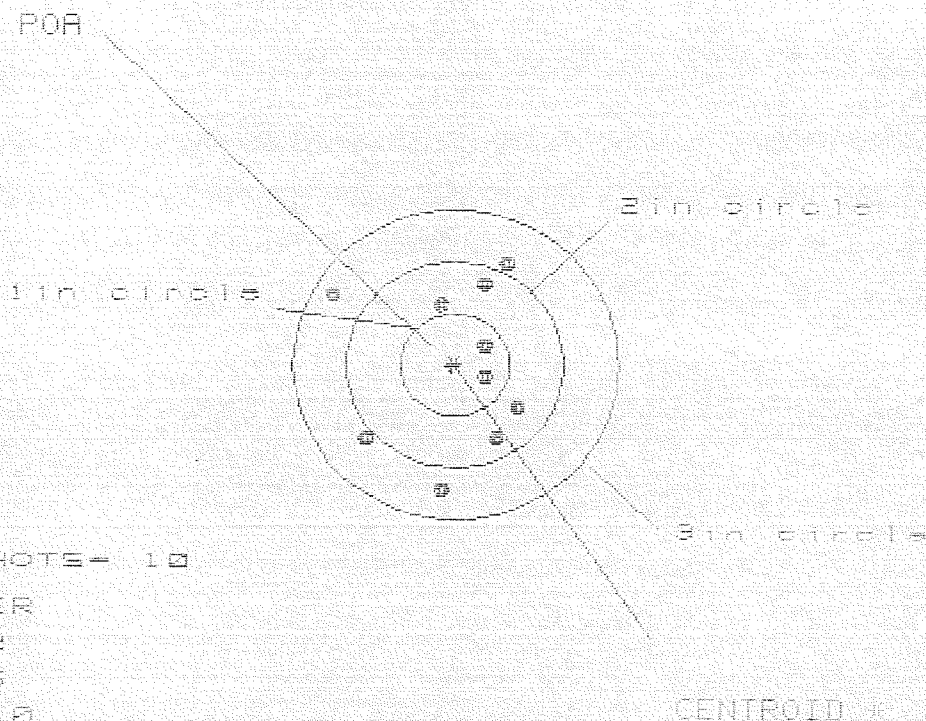
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	1.072	1.196
MINIMUM X	:	-0.916	-0.868	-0.744
MAXIMUM Y	:	1.121	0.947	0.805
MINIMUM Y	:	-1.563	-1.138	-0.910
CENTROID X	:	-0.013	-0.061	-0.186
CENTROID Y	:	0.281	0.455	0.597
POA TO CENTROID in.	:	0.281	0.459	0.625
MIN RADIUS	:	0.723	0.551	0.363
MEAN RADIUS	:	1.091	1.001	0.896
MAX RADIUS	:	1.622	1.511	1.352
HORIZONTAL SPREAD	:	1.940	1.940	1.940
VERTICAL SPREAD	:	2.684	2.085	1.715
EXTREME SPREAD	:	2.803	2.467	2.161
NUMBER IN ONE INCH CIRCLE =			0	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			9	

31 Jan 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225585

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 1.688

VS = 2.179

GS = 2.280

CENTROID

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.555
MINIMUM X	-1.133
MAXIMUM Y	.938
MINIMUM Y	-1.241
CENTROID X	.026
CENTROID Y	.012
POA TO CENTROID in.	.029
MIN RADIUS	.253
MEAN RADIUS	.824
MAX RADIUS	1.316
HORIZONTAL SPREAD	1.688
VERTICAL SPREAD	2.179
EXTREME SPREAD	2.280
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

31 Jan 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225525

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HS = 1.036

VS = 3.260

GS = 3.307

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.060

.974

.938

MINIMUM X

:

-1.776

-1.716

-1.594

MAXIMUM Y

:

1.278

1.058

1.835

MINIMUM Y

:

-1.982

-1.784

-1.692

CENTROID X

:

.463

.549

.427

CENTROID Y

:

-.045

.175

.398

POA TO CENTROID IN.

:

.465

.576

.584

MIN RADIUS

:

.038

.206

.407

MEAN RADIUS

:

.943

.788

.634

MAX RADIUS

:

2.129

2.033

1.024

HORIZONTAL SPREAD

:

1.936

1.690

1.533

VERTICAL SPREAD

:

3.260

2.842

1.527

EXTREME SPREAD

:

3.307

3.307

1.753

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

8

31 Jan 1989

FILE: \PATTERNING\CENTERFIRE_PATT\08223525

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.735

VS= 2.926

GS= 3.246

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.142	.997	.779
MINIMUM X	-1.593	-1.738	-1.070
MAXIMUM Y	1.613	1.467	1.525
MINIMUM Y	-1.313	-.967	-.909
CENTROID X	.467	.612	.836
CENTROID Y	-.303	-.157	-.215
POA TO CENTROID in.	.557	.632	.957
MIN RADIUS	.221	.810	.204
MEAN RADIUS	1.071	.972	.829
MAX RADIUS	1.852	1.800	1.548
HORIZONTAL SPREAD	2.735	2.735	1.849
VERTICAL SPREAD	2.926	2.434	2.434
EXTREME SPREAD	3.246	3.035	2.625
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

Remington®  REG. U.S. PAT. & TM. OFF.

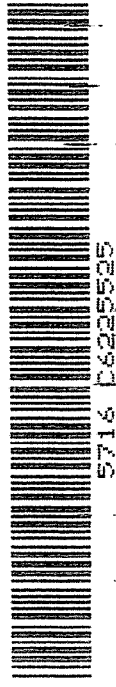
MODEL 700™ H24

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.

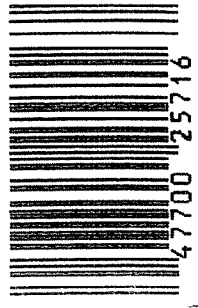
SERIAL NO. D6225525

ORDER NO. 5716



5716 D6225525

UPC



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2/23