

C6225526

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.

Remington.

RE00169250

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

Remme Scope Base

R & E NUMBER <u>169250</u>			
SERIAL NUMBER <u>C6225526</u>			
LOG-IN DATE <u>6-8-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-10-09	RTZ
505	RE-BARREL	6-11-09	RTZ
420	ASSEMBLE	6-11-09	RTZ
440	PROOF	6-11-09	RTZ
460	CHECK HEADSPACE	6-11-09	RTZ
470	DIS-ASSEMBLE GUN	6-11-09	RTZ
480	MAGNAFLUX	6-13-09	RTZ
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK CALIBER	6-16-09	RTZ
520	GOFF BLAST BBL / REC	6-16	RTZ
530 & 540	APPLY COATINGS	6-17	RTZ
560	FINAL ASSEMBLY	6-19-09	RTZ
640	FUNCTION TEST AND	6-19-09	RTZ
650	TARGET	6-19-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	6-19-09 RTZ
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	6-22-09 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.60 2.57 2.62 2.58 2.64 6-22-09 RTZ
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.0 3.2 3.2 6-22-09 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	6.0 6.0 5.0 6-22-09 RTZ
	I) FIRING PIN INDENT	.020	.020 .021 .021 6-22-09 RTZ
690	PACK		6-24-09 FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225526.___0
FILE DATE AND TIME: 06/22/2009 07:27

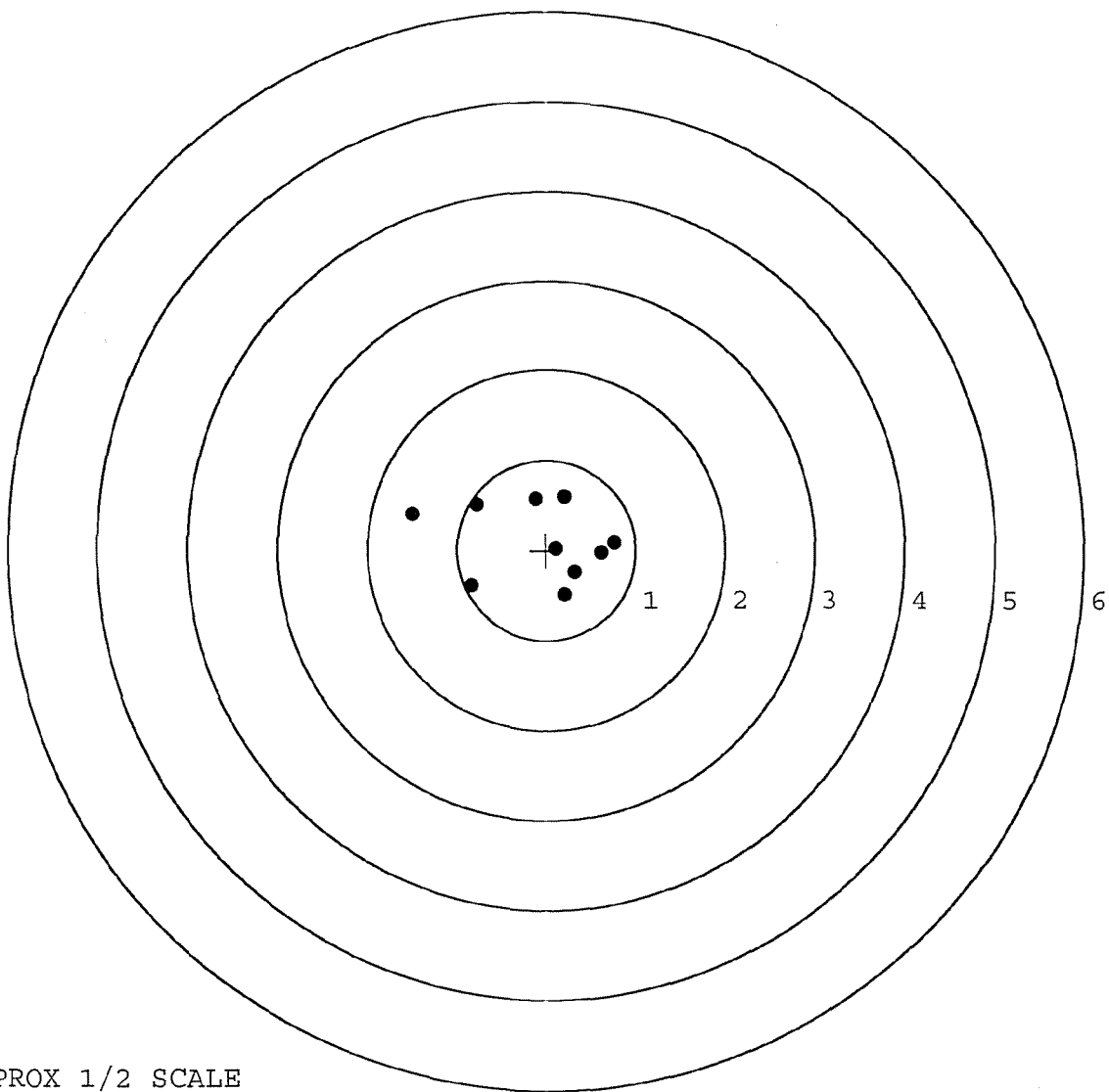
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	0.077
The Average Point of Impact of the Five Target Set:	0.078
The Average Mean Radius of the Five Target Set:	0.694
The Distance from POA to Centroid Target #1:	0.146
The Distance from Centroid Target #2 to Centroid Target #1:	0.215
The Distance from Centroid Target #3 to Centroid Target #1:	0.089
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

SERIAL NUMBER: C6225526. __0
TARGET NUMBER: 1
FILE DATE: 06/22/2009
FILE TIME: 07:27

X CENTROID: -0.104
Y CENTROID: 0.102
POA TO CENTROID: 0.146
HORZ SPREAD: 2.270
VERT SPREAD: 1.092
GROUP SPREAD: 2.289
MIN RADIUS: 0.227
MAX RADIUS: 1.429
MEAN RADIUS: 0.720
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.504	0.388
2:	-0.846	-0.394
3:	-0.781	0.505
4:	-0.124	0.571
5:	0.201	0.598
6:	0.766	0.090
7:	0.614	-0.022
8:	0.204	-0.494
9:	0.320	-0.242
10:	0.108	0.022



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526.___0

TARGET NUMBER: 2

FILE DATE: 06/22/2009

FILE TIME: 07:27

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

1:	-0.373	-1.025
----	--------	--------

2:	-0.469	-0.434
----	--------	--------

3:	-0.023	-0.531
----	--------	--------

4:	0.571	-0.095
----	-------	--------

5:	0.621	0.935
----	-------	-------

6:	0.615	-0.067
----	-------	--------

7:	0.326	0.740
----	-------	-------

8:	-0.213	0.688
----	--------	-------

9:	-0.046	0.443
----	--------	-------

10:	0.103	0.326
-----	-------	-------

X CENTROID: 0.111

Y CENTROID: 0.098

POA TO CENTROID: 0.148

HORZ SPREAD: 1.090

VERT SPREAD: 1.960

GROUP SPREAD: 2.198

MIN RADIUS: 0.228

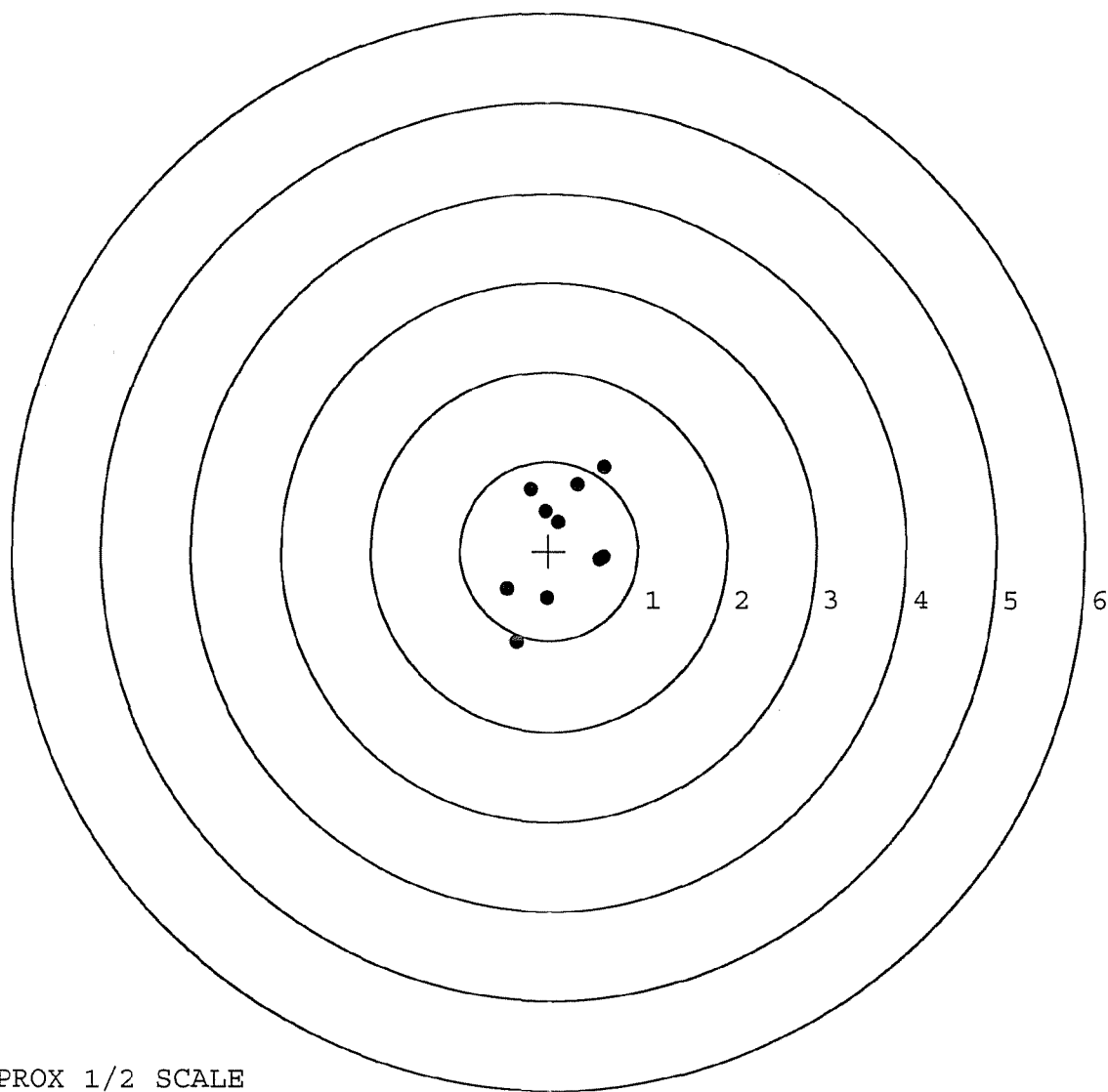
MAX RADIUS: 1.223

MEAN RADIUS: 0.662

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

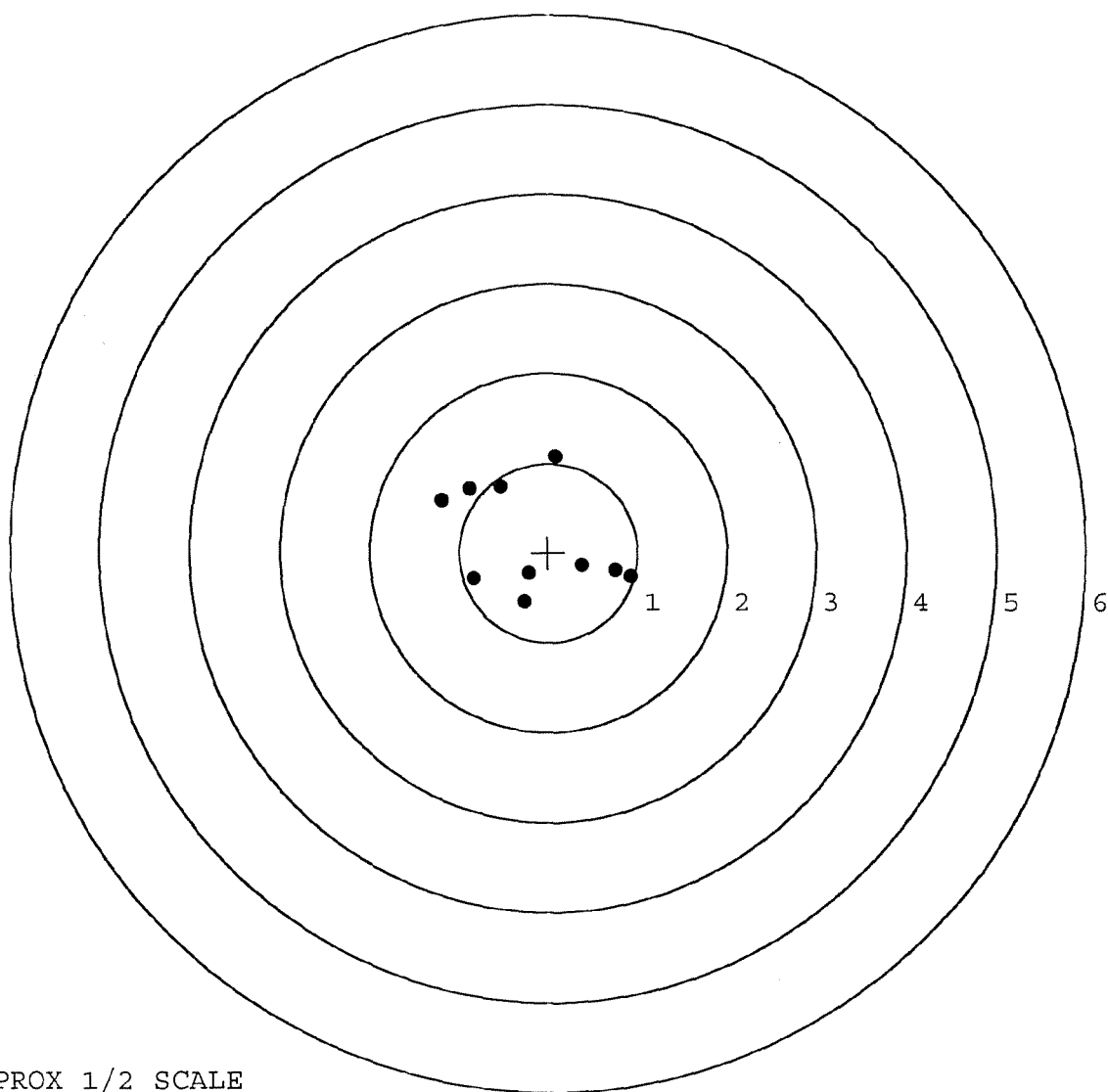


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526. __0
TARGET NUMBER: 3
FILE DATE: 06/22/2009
FILE TIME: 07:27

POINT#	X	Y
1:	-1.199	0.583
2:	-0.884	0.715
3:	-0.538	0.740
4:	0.082	1.074
5:	-0.845	-0.294
6:	-0.270	-0.547
7:	-0.225	-0.233
8:	0.922	-0.261
9:	0.750	-0.200
10:	0.377	-0.143

X CENTROID: -0.183
Y CENTROID: 0.143
POA TO CENTROID: 0.232
HORZ SPREAD: 2.121
VERT SPREAD: 1.621
GROUP SPREAD: 2.283
MIN RADIUS: 0.379
MAX RADIUS: 1.177
MEAN RADIUS: 0.834
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526.___0

TARGET NUMBER: 4

FILE DATE: 06/22/2009

FILE TIME: 07:27

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

1:	0.766	-0.741
----	-------	--------

2:	-0.069	-0.790
----	--------	--------

3:	-0.262	-0.414
----	--------	--------

4:	-0.423	0.125
----	--------	-------

5:	-0.009	0.098
----	--------	-------

6:	0.493	-0.038
----	-------	--------

7:	0.762	0.374
----	-------	-------

8:	0.203	0.385
----	-------	-------

9:	0.123	0.658
----	-------	-------

10:	-0.417	0.870
-----	--------	-------

X CENTROID: 0.117

Y CENTROID: 0.053

POA TO CENTROID: 0.128

HORZ SPREAD: 1.189

VERT SPREAD: 1.660

GROUP SPREAD: 1.999

MIN RADIUS: 0.134

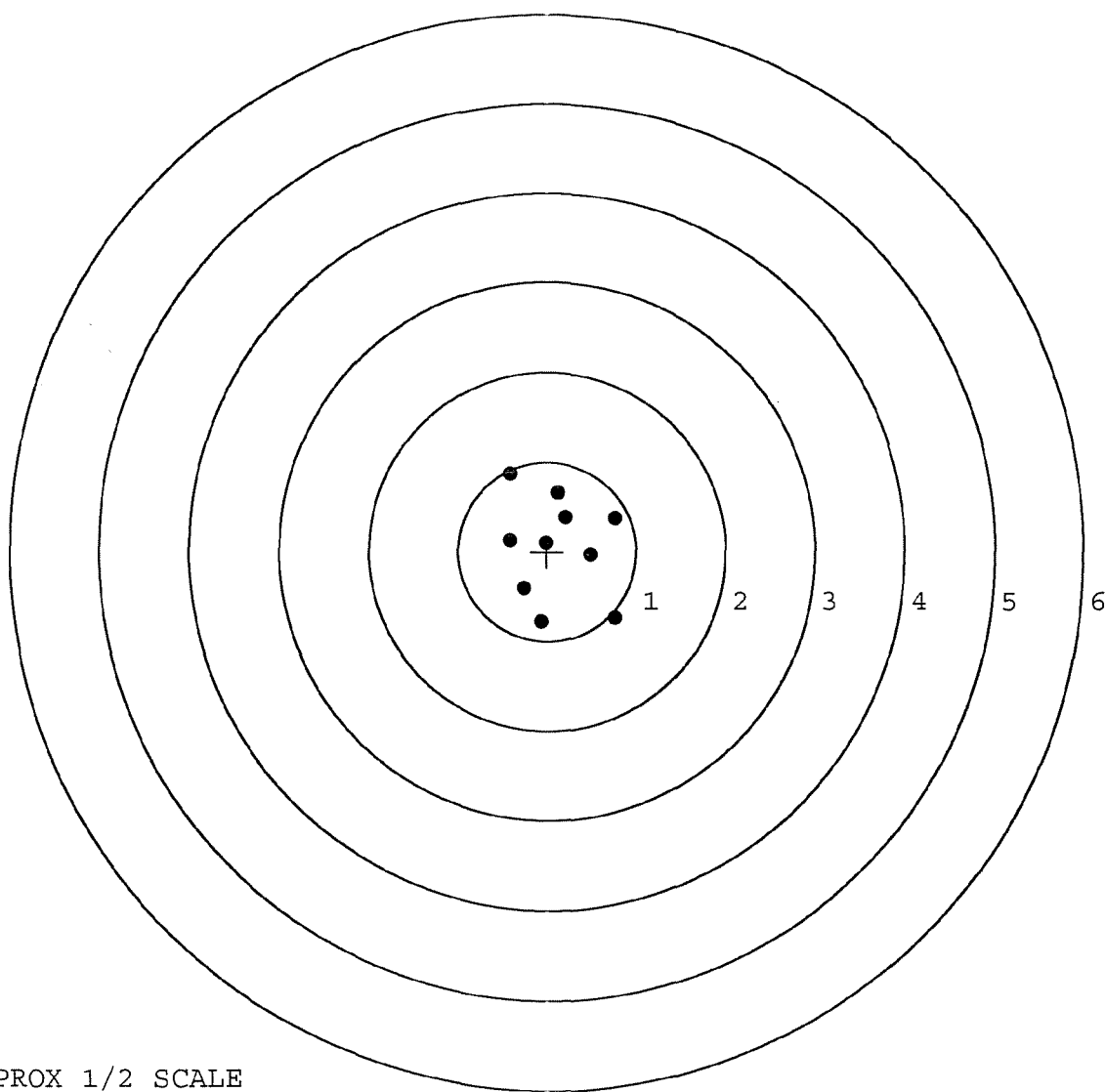
MAX RADIUS: 1.025

MEAN RADIUS: 0.620

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

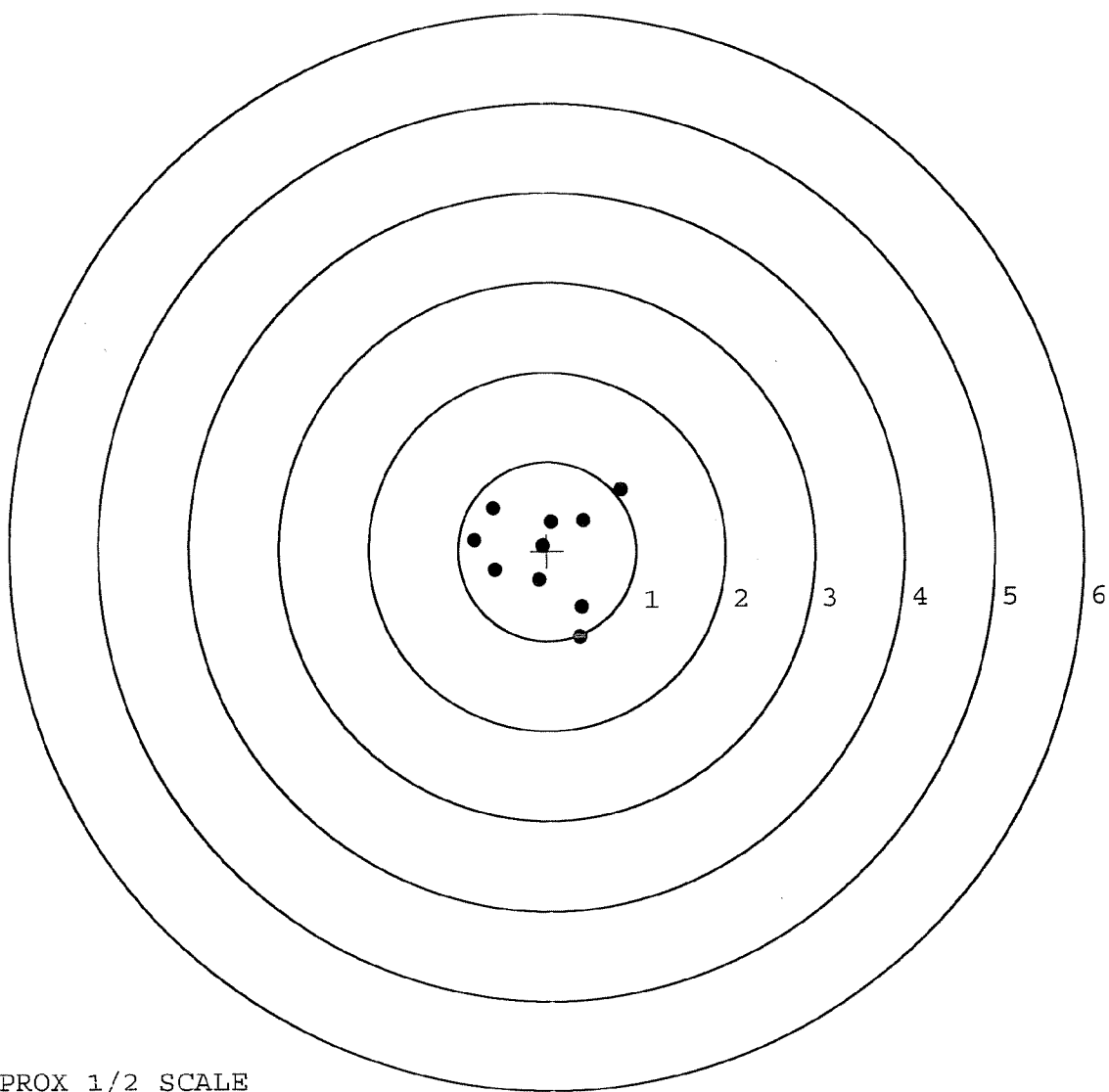


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526. __0
TARGET NUMBER: 5
FILE DATE: 06/22/2009
FILE TIME: 07:27

X CENTROID: -0.012
Y CENTROID: -0.012
POA TO CENTROID: 0.017
HORZ SPREAD: 1.644
VERT SPREAD: 1.651
GROUP SPREAD: 1.737
MIN RADIUS: 0.077
MAX RADIUS: 1.091
MEAN RADIUS: 0.633
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.360	-0.966
2:	0.384	-0.628
3:	-0.096	-0.324
4:	-0.588	-0.209
5:	-0.817	0.125
6:	-0.601	0.479
7:	-0.050	0.055
8:	0.051	0.321
9:	0.410	0.338
10:	0.827	0.685



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00042737** Serial: **C6225526** Model **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 3/4/02 4:41:57 PM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 2/7 SFG (A)** **HSC 2/7 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

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1

neglet 3/11/02 6:48 AM C4PS NUM NS SCFL

Start Inbox - Microsoft Outlook Arms Services Repair...

Serial Number: **C6225526**

Model: **700**



RE00042737

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

R & E NUMBER 42737			
SERIAL NUMBER C6225526			
LOG-IN DATE 3/4/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/16/02	BR
560 A	RE-BARREL AT CUSTOM SHOP	3-18-02	BWT
B	DRILL AND TAP	3-18/02	BWT
C	POLISH		
575	ASSEMBLE	3/18/02	BR
600	PROOF	3/18/02	RW
605	CHECK HEADSPACE	3/18/02	RW
610	DIS-ASSEMBLE GUN	3/18/02	RW
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	3/19/02	TD
618	ROTO-BLAST		
620	APPLY COATINGS	3-21	TA
625 A	FINAL ASSEMBLY	3-22-02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-25-02	AC
655	FINAL INSPECT	3/26/02	BR
660	PACK	3/26/02	BA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225526.___0
FILE DATE AND TIME: 03/25/2002 02:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

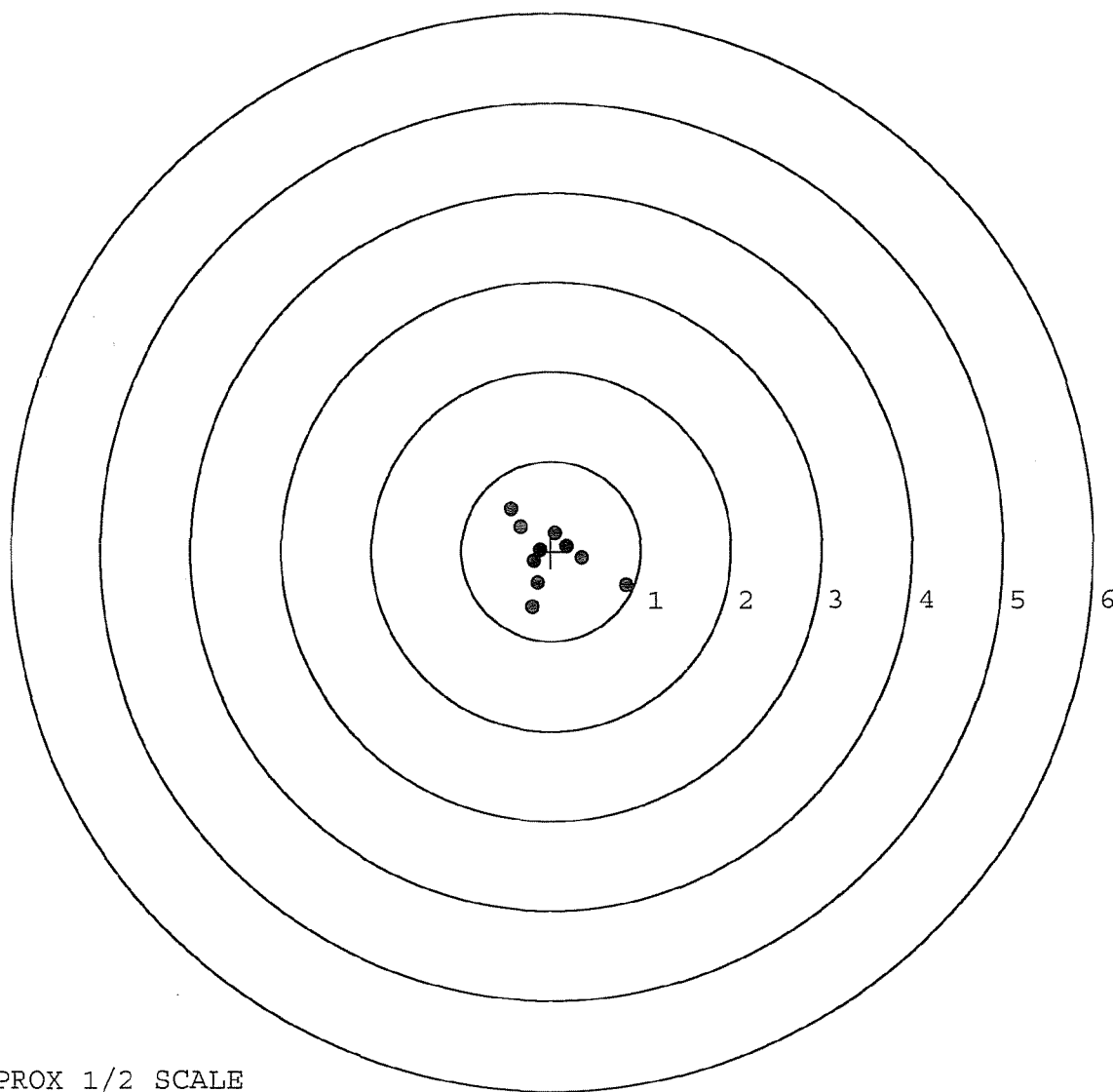
The Average X Centroid of the Five Target Set:	-0.038
The Average Y Centroid of the Five Target Set:	-0.044
The Average Point of Impact of the Five Target Set:	0.058
The Average Mean Radius of the Five Target Set:	0.568
The Distance from POA to Centroid Target #1:	0.054
The Distance from Centroid Target #2 to Centroid Target #1:	0.044
The Distance from Centroid Target #3 to Centroid Target #1:	0.061
The Distance from Centroid Target #4 to Centroid Target #1:	0.105
The Distance from Centroid Target #5 to Centroid Target #1:	0.065

SERIAL NUMBER: C6225526. 0
TARGET NUMBER: 1
FILE DATE: 03/25/2002
FILE TIME: 02:42

X CENTROID: -0.007
Y CENTROID: -0.054
POA TO CENTROID: 0.054
HORZ SPREAD: 1.286
VERT SPREAD: 1.089
GROUP SPREAD: 1.539
MIN RADIUS: 0.137
MAX RADIUS: 0.902
MEAN RADIUS: 0.415

POINT#	X	Y
1:	0.834	-0.380
2:	-0.452	0.465
3:	-0.211	-0.624
4:	-0.148	-0.354
5:	-0.192	-0.113
6:	-0.122	0.020
7:	0.052	0.205
8:	0.175	0.054
9:	0.342	-0.079
10:	-0.345	0.268

IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526. __0

TARGET NUMBER: 2

FILE DATE: 03/25/2002

FILE TIME: 02:42

POINT#	X	Y
1:	0.569	-0.877
2:	0.302	-0.831
3:	-0.370	-0.372
4:	-0.710	-0.061
5:	-0.751	0.322
6:	0.431	0.077
7:	0.235	-0.034
8:	-0.031	-0.138
9:	0.072	0.356
10:	0.047	0.599

X CENTROID: -0.021

Y CENTROID: -0.096

POA TO CENTROID: 0.098

HORZ SPREAD: 1.320

VERT SPREAD: 1.476

GROUP SPREAD: 1.783

MIN RADIUS: 0.043

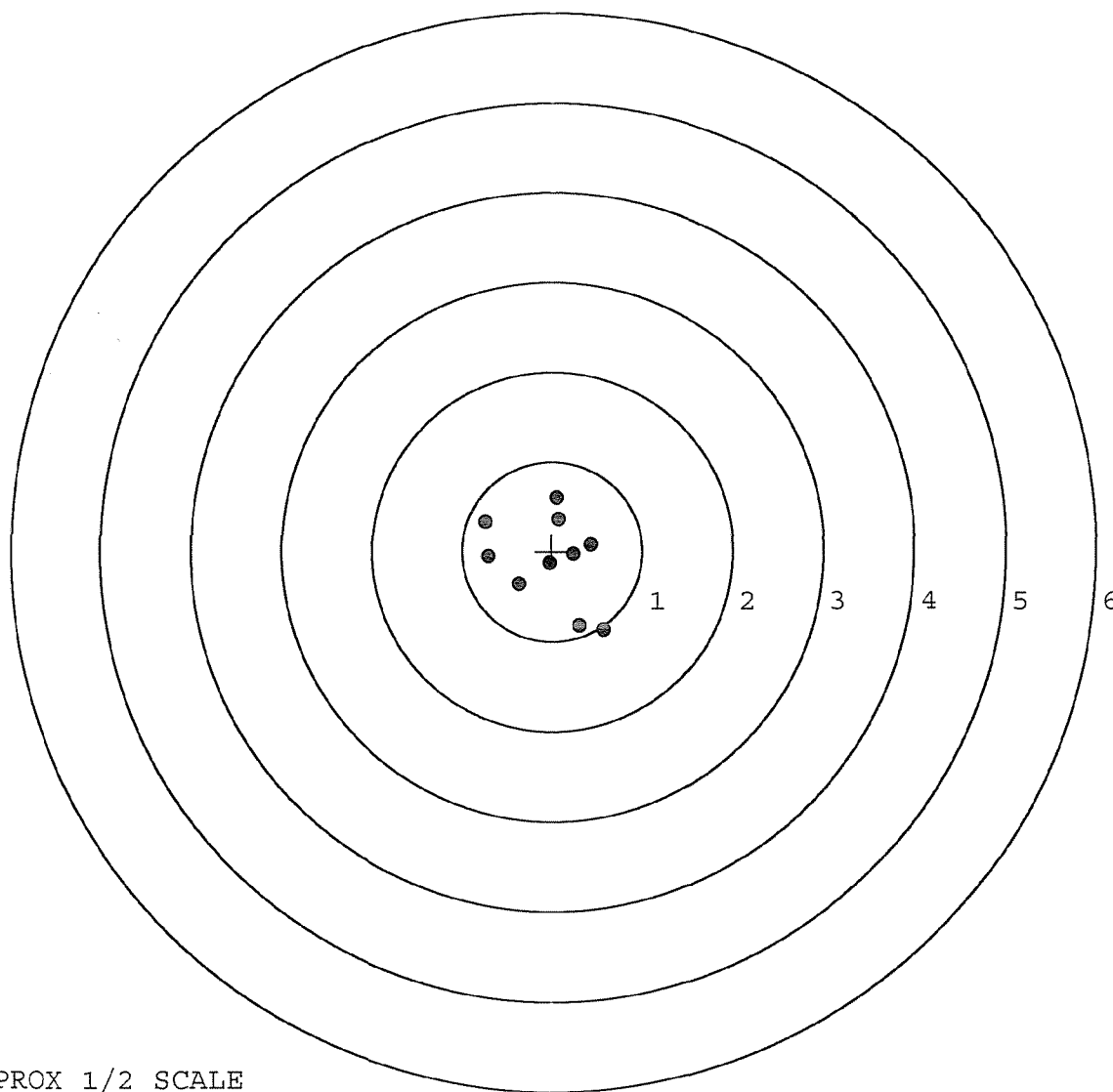
MAX RADIUS: 0.979

MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



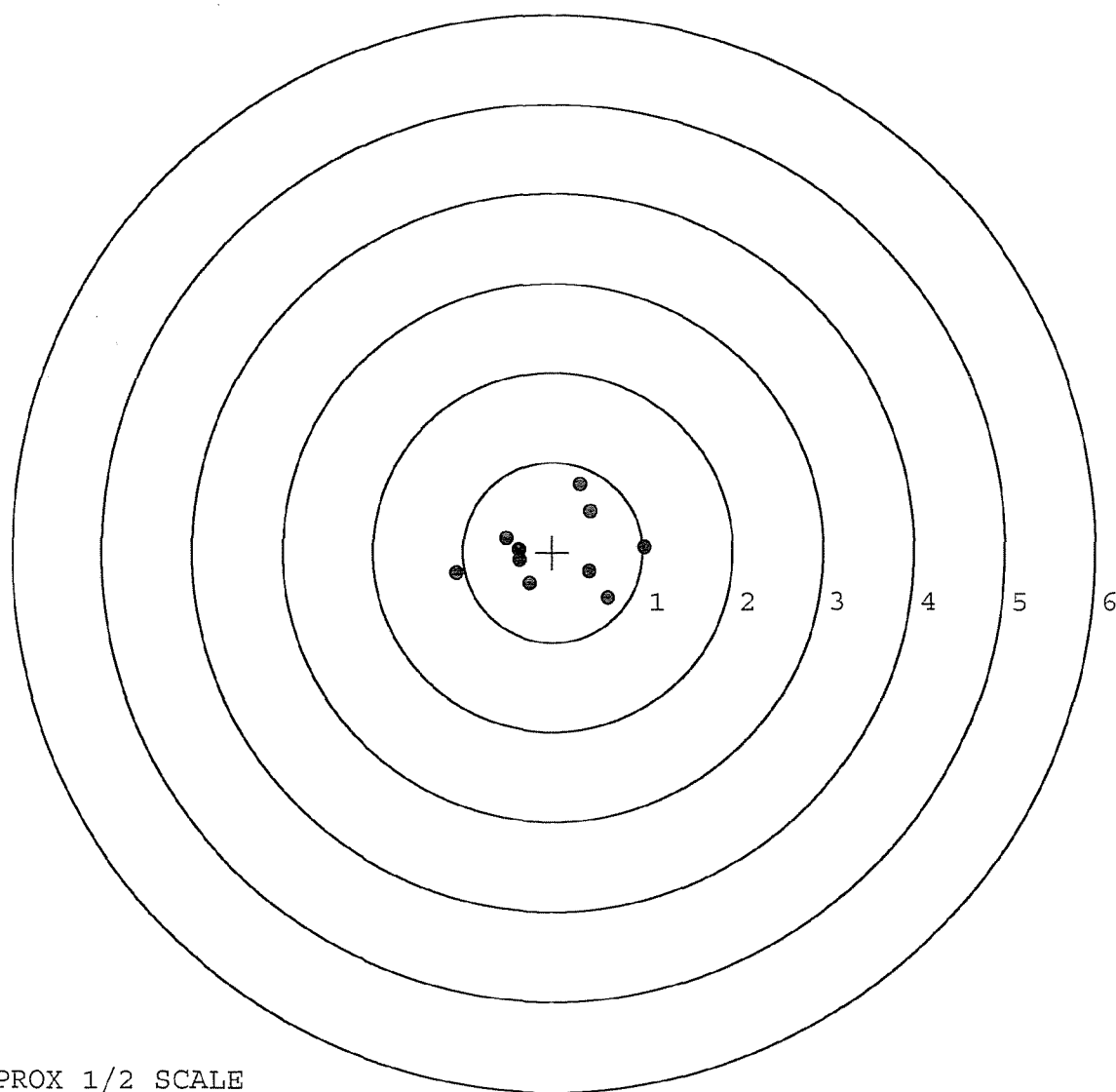
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526.____0
TARGET NUMBER: 3
FILE DATE: 03/25/2002
FILE TIME: 02:42

POINT#	X	Y
1:	1.021	0.060
2:	0.414	0.454
3:	0.302	0.758
4:	0.412	-0.218
5:	0.616	-0.508
6:	-0.255	-0.351
7:	-0.370	-0.099
8:	-0.375	0.021
9:	-0.521	0.152
10:	-1.068	-0.245

X CENTROID: 0.018
Y CENTROID: 0.002
POA TO CENTROID: 0.018
HORZ SPREAD: 2.089
VERT SPREAD: 1.266
GROUP SPREAD: 2.111
MIN RADIUS: 0.393
MAX RADIUS: 1.113
MEAN RADIUS: 0.656

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

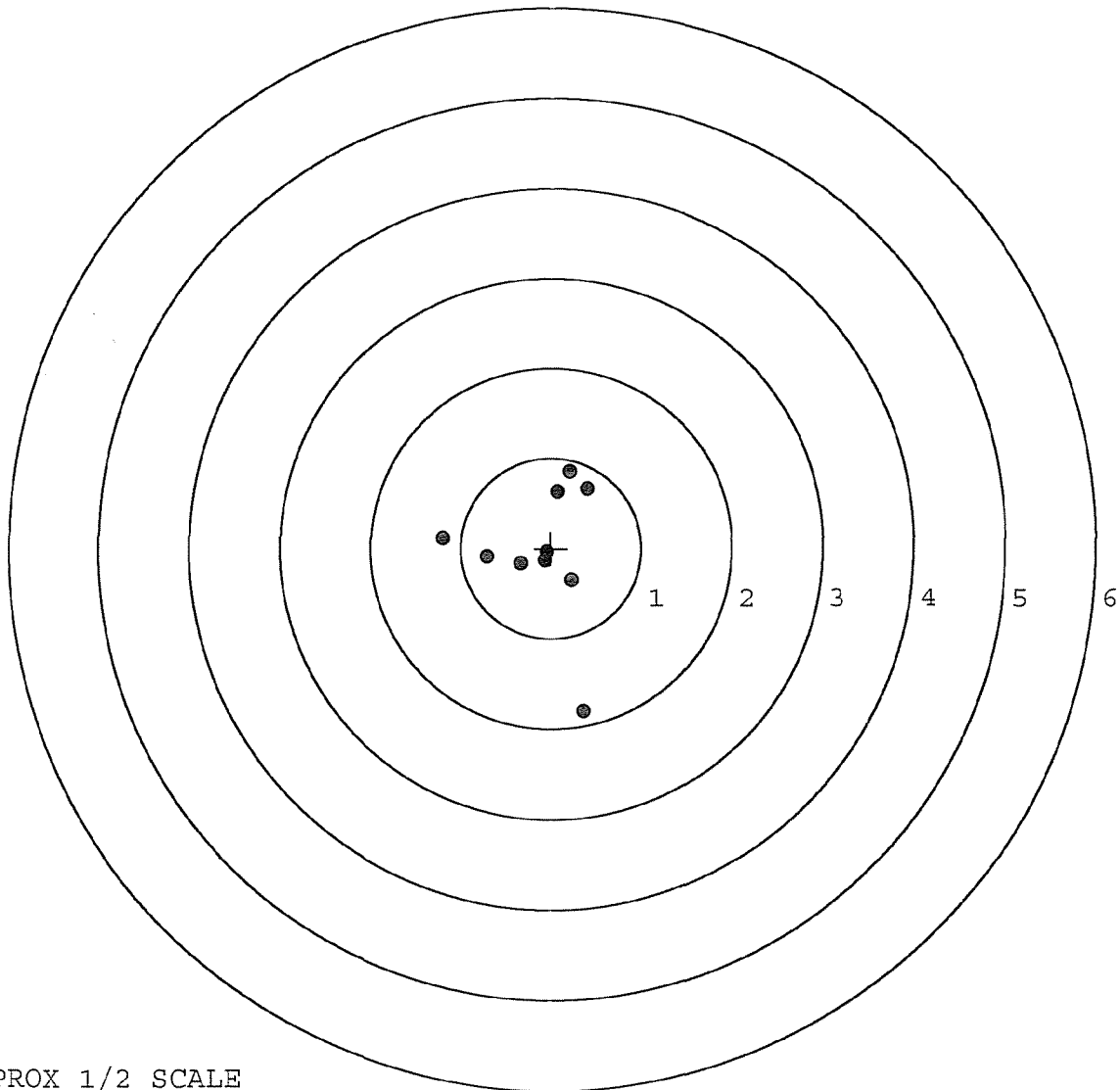


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526. __0
TARGET NUMBER: 4
FILE DATE: 03/25/2002
FILE TIME: 02:42

X CENTROID: -0.110
Y CENTROID: -0.035
POA TO CENTROID: 0.115
HORZ SPREAD: 1.588
VERT SPREAD: 2.656
GROUP SPREAD: 2.661
MIN RADIUS: 0.061
MAX RADIUS: 1.834
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.363	-1.807
2:	0.229	-0.356
3:	-0.708	-0.095
4:	-1.194	0.112
5:	0.067	0.628
6:	0.394	0.663
7:	0.205	0.849
8:	-0.049	-0.040
9:	-0.334	-0.167
10:	-0.073	-0.136

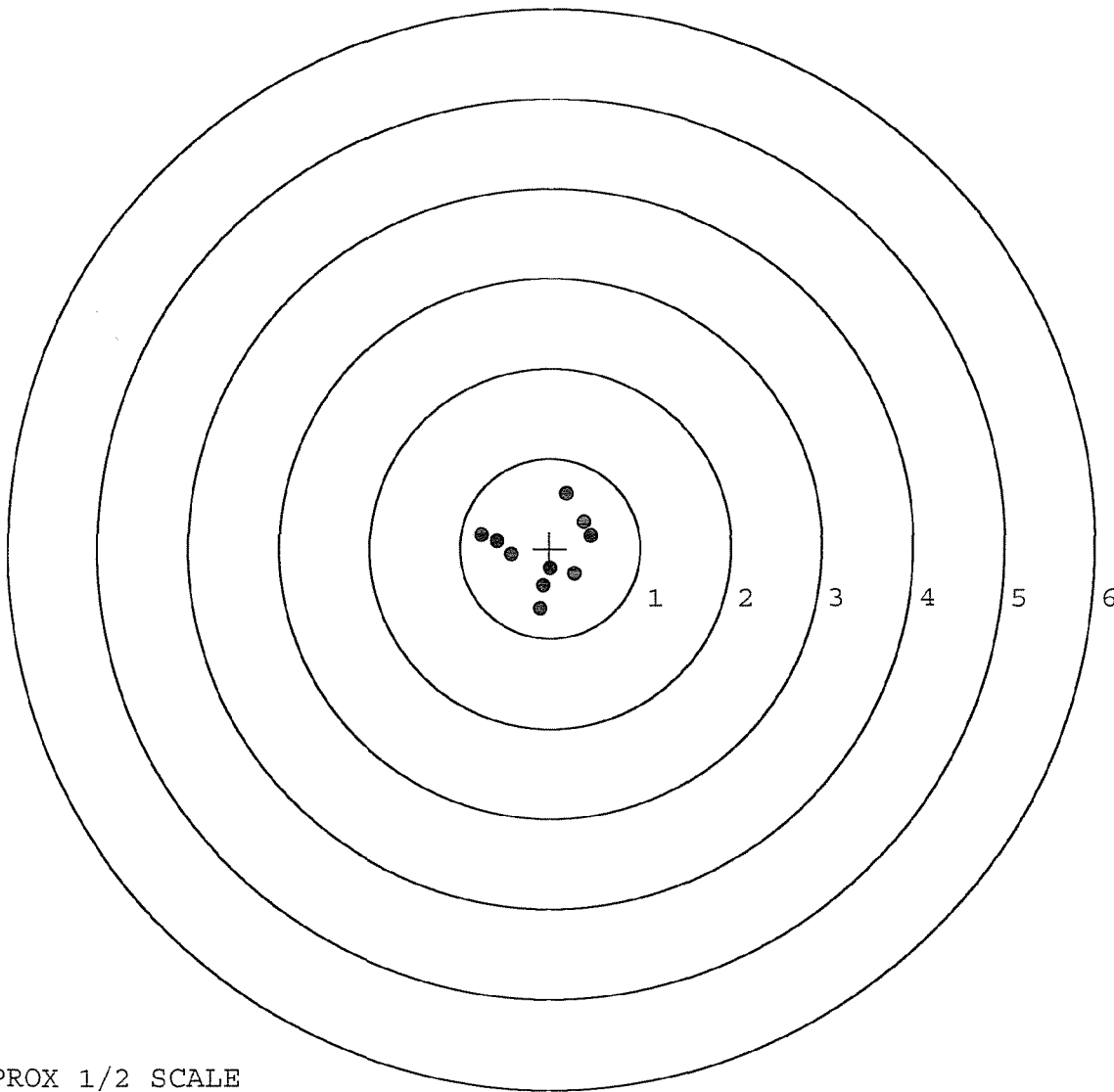


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225526. __0
TARGET NUMBER: 5
FILE DATE: 03/25/2002
FILE TIME: 02:42

X CENTROID: -0.070
Y CENTROID: -0.039
POA TO CENTROID: 0.080
HORZ SPREAD: 1.222
VERT SPREAD: 1.284
GROUP SPREAD: 1.222
MIN RADIUS: 0.196
MAX RADIUS: 0.725
MEAN RADIUS: 0.505
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.108	-0.674
2:	0.000	-0.222
3:	-0.074	-0.417
4:	0.269	-0.285
5:	0.451	0.142
6:	0.369	0.294
7:	0.179	0.610
8:	-0.432	-0.071
9:	-0.587	0.084
10:	-0.771	0.149



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

M24

ORDER
R 96-13367INITIAL
FPSCUSTOMER ORDER NO.
11350DATE RECEIVED
05/30/96DATE OPENED
05/30/96DATE CODE
PJ 6-89SERIAL NUMBER
C6225526

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 L

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

COMMENTS

Barrel - 96013
Stock - 96018Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
Reconc Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400050710

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

N# 011350

DATE

5/29/96

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL: m24

GAUGE: .308

SERIAL # C1222

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: 29 MAY 96

SIGNATURE: (Security Officer)

DATE: 4/29/96

SIGNATURE: (Firearm picked up by)

DATE: 5/3/96

Arm Service Copy

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION	
					02	<i>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/75FG (A) FT. BRAGG, NC		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00 DO	
2. SERIAL NO. C6225526		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO.	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL DEVOT	8. UTILIZATION CODE	9A. MCSR ITEM	9B. EPC B	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS 9300
							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 ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 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 CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG							
SECTION I - EQUIPMENT DATA							
CONTROL NUMBER		WORK ORDER NO.		WESDC	ORG. PD	PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/15FB(A) IT BRAGG, NC		B. LOCATION CLOC E-728 IT BRAGG, NC 28307		C. UNIT IDENT CODE WH00 D1	
2. SERIAL NO. 6422-526		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO.	5. MODEL M24	6. NATIONAL STOCK NUMBER 1205-240-2136	
7A. MAINTENANCE ACTIVITY	B. LEVEL DEPOT	B. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS	11. MILES
							12. ROUNDS 1300
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 ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 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 CARTRIDGES REPLACED							
B. REMARKS RE CARREL AND RETURN REQUESTED. POC IS IT RUNS AT (110) 452-5208							
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
		(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	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
27. ACCEPTED BY							
28. DISPOSITION (Select One)							
☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged							

21 DAY TURN - AROUND

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

Barrel
stock

R&E NO.

SERIAL NO.

C6225526

LOG IN DATE: / /		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		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	6/21/96	RW
655	FINAL INSPECT	6/21/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225526

DATE REC'D: 5/30/96

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

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 # C6225526

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 12	89	RW
600	Proof	6 12	89	RW
607	Check Headspace	6 12	89	RW
610	Dis-assemble Gun	6 12	89	RW
612	Magnaflux Barrel Action		6/21/89	KCR
	Magnaflux Bolt		6/21/89	KCR
615	Rollmark Caliber		6/21/89	J.S.
617	Drill and Tap Sight Holes	6 26	89	J.B.
618	Polish Barrel	6 26	89	BT.
620	Apply Coatings (Barrel Action)		7-12-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/14/89	RW
	C) Inspect Ejector Hole for Chamfer		7/14/89	RW
	D) Oil Firing Pin Ass'y		7/14/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/14/89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17 July 89	QJL
	G) Safety Off Force	3	3	3			17 July 89	QJL
	H) Trigger Pull Test & Retainability						17 July 89	QJL
	I) Firing Pin Indent	.020	.020	.020			17 July 89	QJL
	J) Assemble Stock						7/18/89	RW
	K) Assemble Swivel Studs						25 July 89	QJL
	L) Attach Front and Rear Sight Assemblies						7/18/89	RW
	M) Iron Sight Alignment						7/18/89	RW
	N) Detach Front & Rear Sights & place in numbered container						7/18/89	RW
	O) Attach Scope to Rifle						7/19/89	JY
	P) Detach & Attach Scope 20 Times						7/21/89	JY
640	Gallery Target & Test	58	R	95L			7-21-89	DA
	A) Time						7-21-89	DA
	B) Malfunctions						7-21-89	DA
	C) Pierced Primers						7-21-89	DA
	D) Optical Clarity of Scope						7-21-89	DA
645	Inspect for Live Ammo						7-21-89	DA
655	Final Inspection							
	A) Headspace						25 July 89	QJL
	B) Trigger Pull	2.50	2.30	2.33	2.42	2.46	25 July 89	QJL
	C) Function						25 July 89	QJL
660	Pack						20 Sep 89	QJL

Remington
MODEL 700™ M24

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

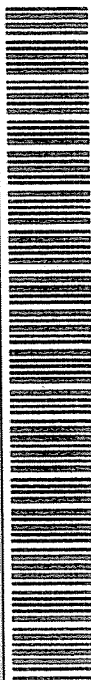
VERY IMPORTANT:
 Instruction Book
 enclosed to assure
 safe use of this
 firearm.

SERIAL NO.
C6225526

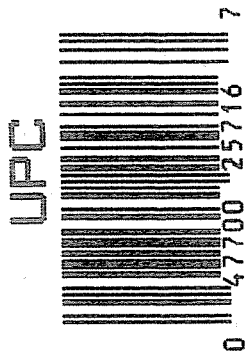
ORDER NO.
5716

01

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



5716 C6225526



SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5526

DATE 4-3-90

TESTER 94

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.28		2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.32		2.33	
PULL #3	2.25	2.34		2.31	
PULL #4	2.32	2.33		2.32	
PULL #5	2.29	2.32		2.30	
TOTAL	11.80	11.59		11.72	
AVG.	2.36	2.318		2.344	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.40		
PULL #2	3.19	3.43		
PULL #3	3.21	3.39		
PULL #4	3.53	3.45		
PULL #5	3.39	3.45		
TOTAL	16.80	17.12		
AVG.	3.36	3.424		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.27		
PULL #2	4.30	4.32		
PULL #3	4.28	4.30		
PULL #4	4.24	4.30		
PULL #5	4.30	4.33		
TOTAL	21.47	21.52		
AVG.	4.294	4.304		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225526
21 Jul 1989

CENTROIDAL DISTANCES

0 TO	1	.287571
1 TO	2	.467472
1 TO	3	.763581
1 TO	4	.669431
1 TO	5	.899201

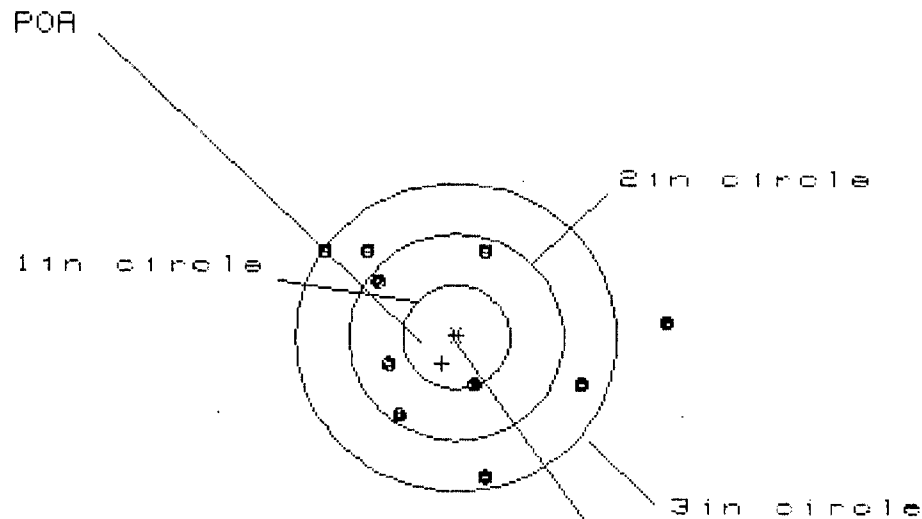
$\frac{54}{32} \pm 1$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3968
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1202
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .414606
THE AMR FOR THIS RIFLE IS: .8724

21 Jul 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225526

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.231

VS= 2.172

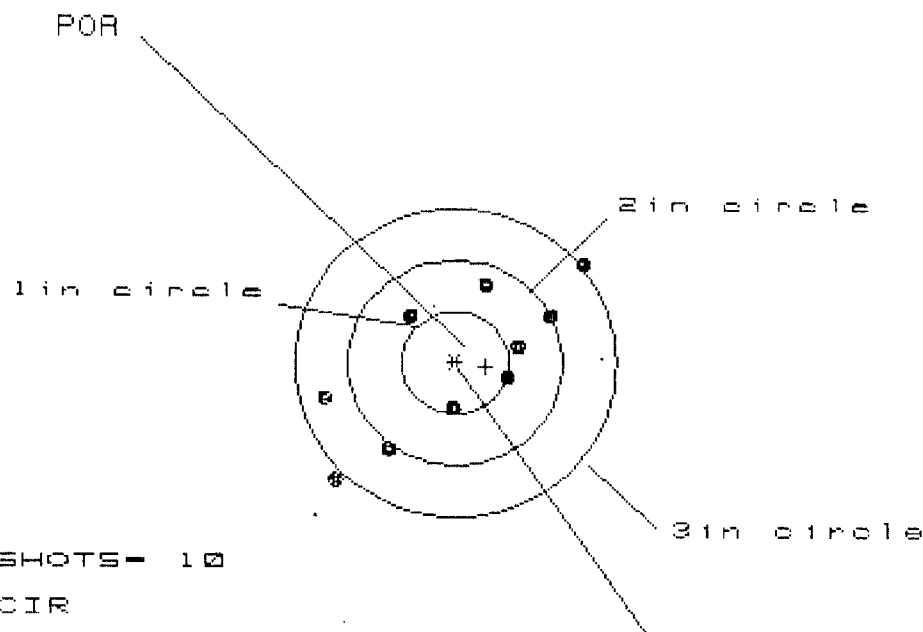
GS= 3.310

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.988	1.417	1.289
MINIMUM X	-1.243	-1.022	-0.706
MAXIMUM Y	.862	.878	.930
MINIMUM Y	-1.310	-1.294	-1.184
CENTROID X	.131	-.090	.038
CENTROID Y	.256	.240	.130
POR TO CENTROID in.	.288	.256	.136
MIN RADIUS	.438	.440	.373
MEAN RADIUS	1.097	.962	.908
MAX RADIUS	1.993	1.489	1.335
HORIZONTAL SPREAD	3.231	2.439	1.995
VERTICAL SPREAD	2.172	2.172	2.114
EXTREME SPREAD	3.310	2.780	2.367
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225526

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in - 8

HS- 2.409

VS- 2.124

GS- 3.147

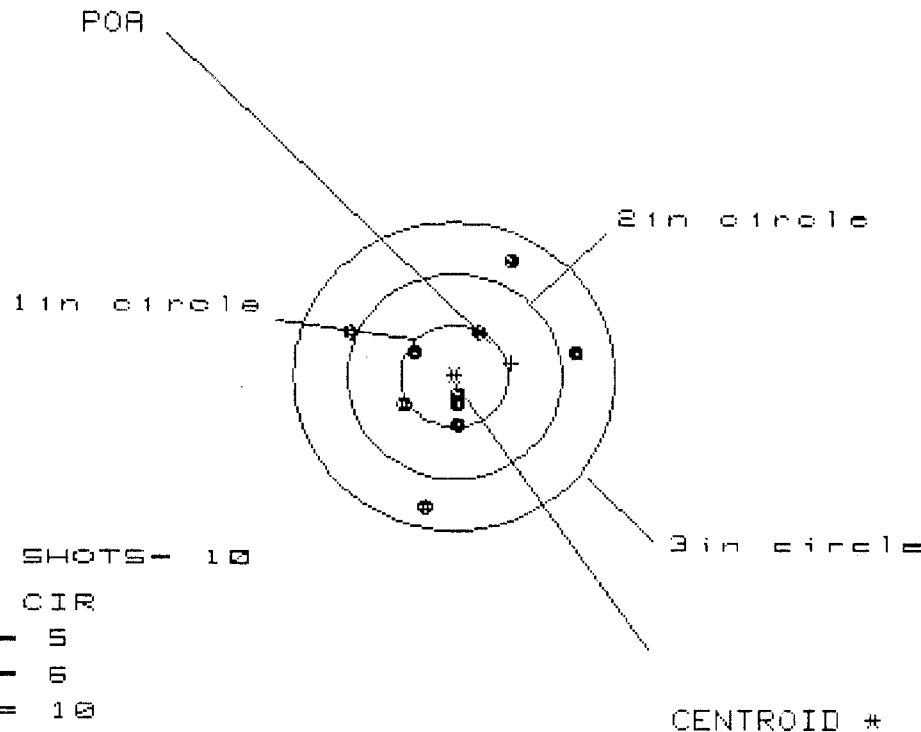
CENTROID *

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.173
MINIMUM X	-1.236
MAXIMUM Y	.967
MINIMUM Y	-1.156
CENTROID X	-.282
CENTROID Y	.037
POR TO CENTROID in.	.284
MIN RADIUS	.429
MEAN RADIUS	.933
MAX RADIUS	1.631
HORIZONTAL SPREAD	2.409
VERTICAL SPREAD	2.124
EXTREME SPREAD	3.147
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

21 Jul 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225526

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 5

2in = 6

3in = 10

HS= 2.184

VS= 2.409

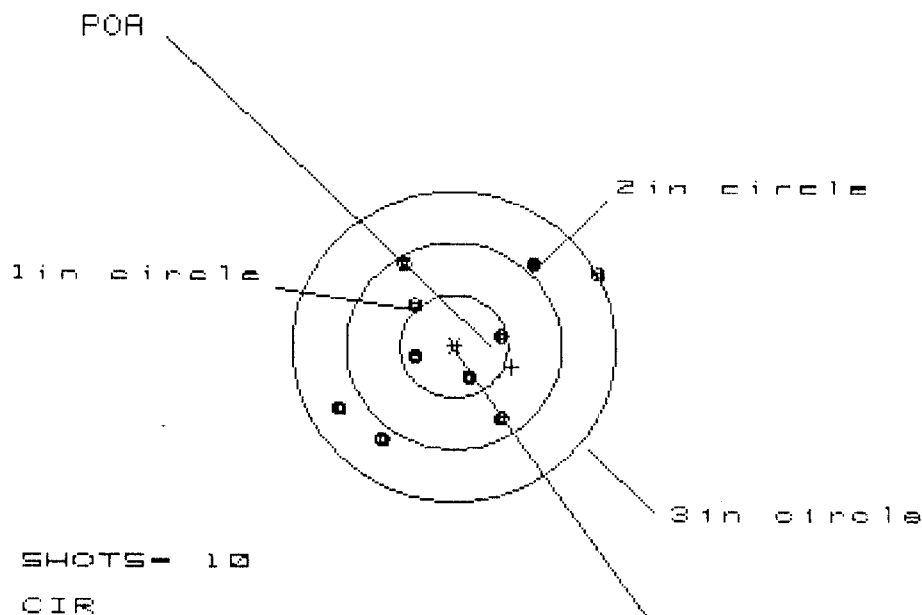
GS= 2.537

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.168	1.229	1.206
MINIMUM X	-1.016	-.955	-.978
MAXIMUM Y	1.159	.579	.439
MINIMUM Y	-1.250	-1.121	-.464
CENTROID X	-.529	-.590	-.567
CENTROID Y	-.128	-.257	-.116
POA TO CENTROID in.	.544	.644	.579
MIN RADIUS	.139	.051	.152
MEAN RADIUS	.718	.624	.577
MAX RADIUS	1.284	1.275	1.223
HORIZONTAL SPREAD	2.184	2.184	2.184
VERTICAL SPREAD	2.409	1.700	.903
EXTREME SPREAD	2.537	2.197	2.197
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

21 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225526

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 10

HS= 2.440

VS= 1.768

GS= 2.746

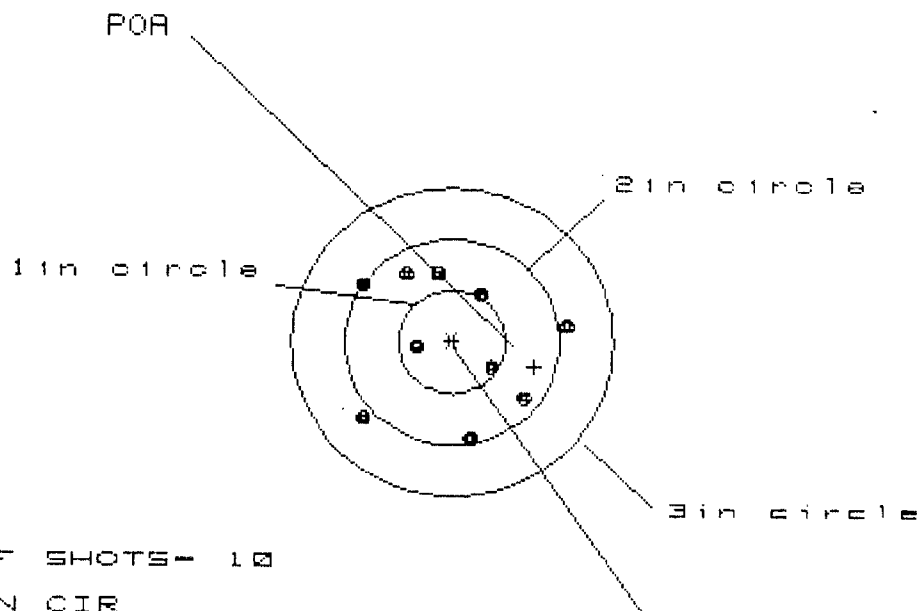
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.333	.887	.767
MINIMUM X	:	-1.107	-.959	-.619
MAXIMUM Y	:	.825	.901	.839
MINIMUM Y	:	-.943	-.867	-.929
CENTROID X	:	-.536	-.684	-.564
CENTROID Y	:	.199	.123	.185
POA TO CENTROID in.	:	.572	.695	.594
MIN RADIUS	:	.354	.223	.349
MEAN RADIUS	:	.836	.746	.700
MAX RADIUS	:	1.498	1.234	1.116
HORIZONTAL SPREAD	:	2.440	1.846	1.386
VERTICAL SPREAD	:	1.768	1.768	1.768
EXTREME SPREAD	:	2.746	2.291	2.212
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

21 Jul 1989

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.938

VS= 1.569

GS= 2.116

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.096	.817	.727
MINIMUM X	-.842	-.721	-.785
MAXIMUM Y	.633	.651	.567
MINIMUM Y	-.936	-.918	-1.002
CENTROID X	-.768	-.889	-.799
CENTROID Y	.237	.219	.303
POA TO CENTROID in.	.803	.916	.855
MIN RADIUS	.316	.197	.290
MEAN RADIUS	.778	.732	.688
MAX RADIUS	1.107	.992	1.018
HORIZONTAL SPREAD	1.938	1.538	1.512
VERTICAL SPREAD	1.569	1.569	1.569
EXTREME SPREAD	2.116	1.876	1.876
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		