

C6594620

MODEL 700™ M24

Model 545™

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: **RE00094703** Serial: C6594620 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 3/17/2005 3:24:30 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **TMO 436 APS TRTD FB 4497** **TMO 436 APS TRTD FB 4497**

Address 1: **505 ATL-NTIC ST** **505 ATLANTIC ST**

Address 2: **DOVER AFB** **DOVER AFB**

City: **DOVER AFB** **DOVER AFB**

State: **DE** Zip Code: **19902** Country: **US** State: **DE** Zip Code: **19902** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone: **N/A**

Fax:

Email:

Comments:

Received Condition

Condition:

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A015	Scope Rings	2
A017	Scope Base	1
A025	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

3/17/2005 3:35 AM CAPS NUM INS SCPL

start 2 Arms Services

Serial Number: **C6594620**

Model: **M24 SWS**



RE00094703

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594620.___0
FILE DATE AND TIME: 04/12/2005 09:49

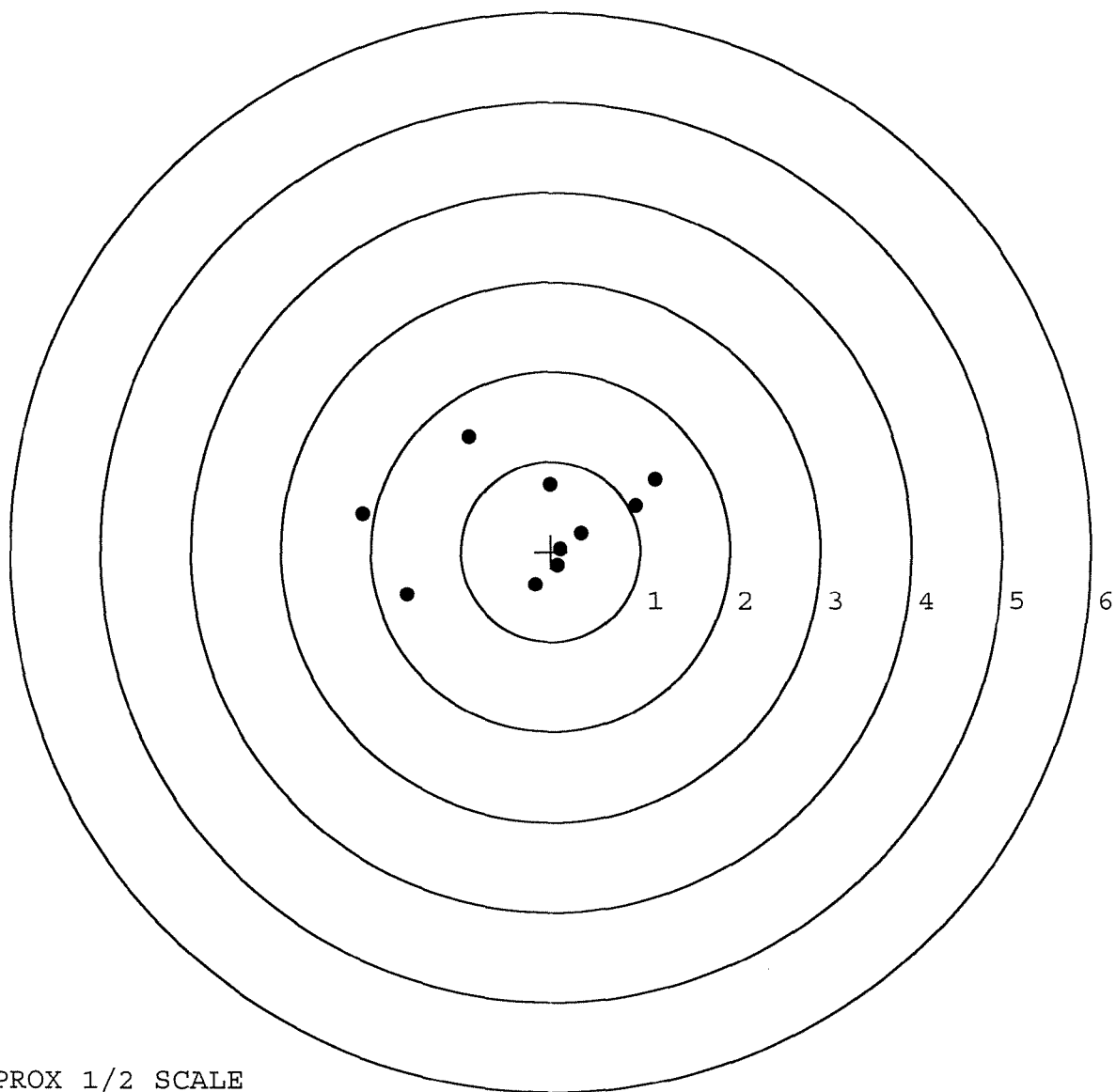
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	1.050
The Distance from POA to Centroid Target #1:	0.365
The Distance from Centroid Target #2 to Centroid Target #1:	0.763
The Distance from Centroid Target #3 to Centroid Target #1:	0.369
The Distance from Centroid Target #4 to Centroid Target #1:	0.136
The Distance from Centroid Target #5 to Centroid Target #1:	0.756

SERIAL NUMBER: C6594620. __0
TARGET NUMBER: 1
FILE DATE: 04/12/2005
FILE TIME: 09:49

X CENTROID: -0.215
Y CENTROID: 0.295
POA TO CENTROID: 0.365
HORZ SPREAD: 3.250
VERT SPREAD: 1.759
GROUP SPREAD: 3.272
MIN RADIUS: 0.416
MAX RADIUS: 1.876
MEAN RADIUS: 1.000
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.163	0.797
2:	0.953	0.511
3:	-0.015	0.743
4:	-0.907	1.271
5:	-2.087	0.419
6:	-1.603	-0.488
7:	-0.174	-0.377
8:	0.070	-0.159
9:	0.106	0.031
10:	0.344	0.205

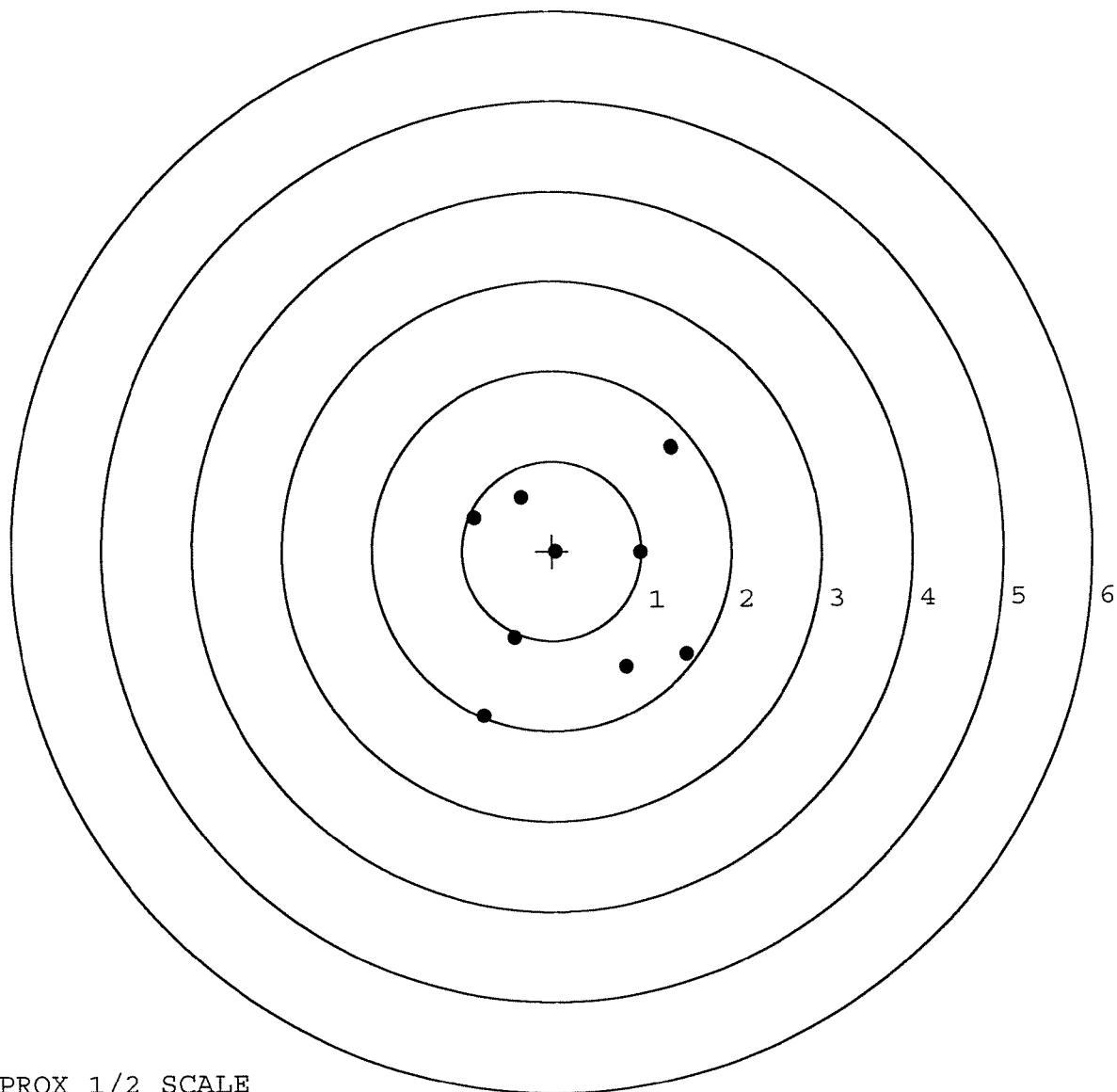


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. __0
 TARGET NUMBER: 2
 FILE DATE: 04/12/2005
 FILE TIME: 09:49

X CENTROID: 0.362
 Y CENTROID: -0.203
 POA TO CENTROID: 0.415
 HORZ SPREAD: 2.365
 VERT SPREAD: 2.979
 GROUP SPREAD: 3.653
 MIN RADIUS: 0.377
 MAX RADIUS: 1.987
 MEAN RADIUS: 1.254
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 2
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.820	-1.294
2:	1.500	-1.162
3:	-0.428	-0.967
4:	-0.776	-1.832
5:	0.993	-0.025
6:	0.036	-0.013
7:	1.343	1.140
8:	1.339	1.147
9:	-0.343	0.594
10:	-0.865	0.379

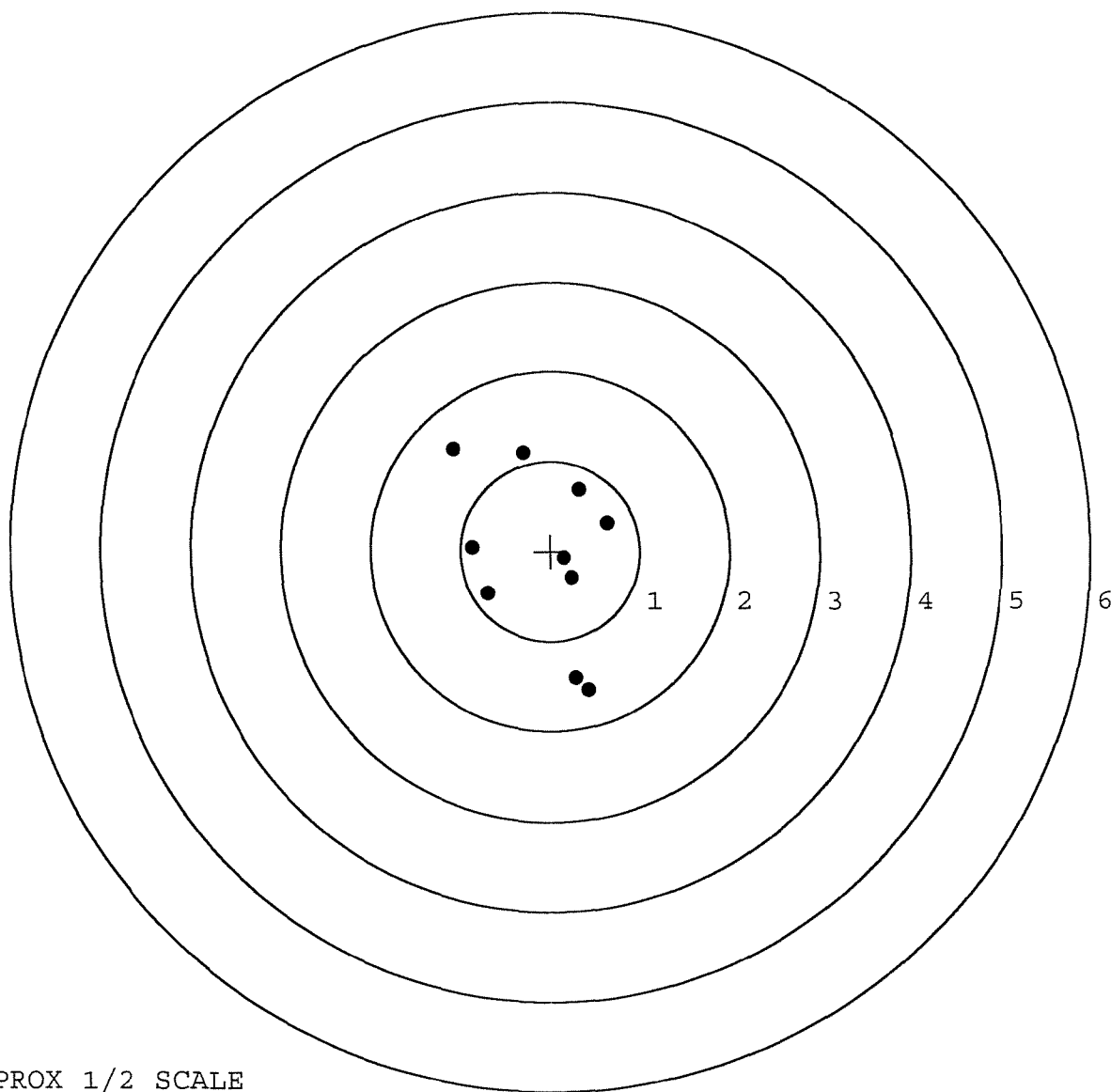


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620.___0
TARGET NUMBER: 3
FILE DATE: 04/12/2005
FILE TIME: 09:49

X CENTROID: -0.088
Y CENTROID: -0.051
POA TO CENTROID: 0.102
HORZ SPREAD: 1.714
VERT SPREAD: 2.682
GROUP SPREAD: 3.078
MIN RADIUS: 0.237
MAX RADIUS: 1.581
MEAN RADIUS: 0.954
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.430	-1.545
2:	0.289	-1.408
3:	-0.699	-0.470
4:	-0.867	0.043
5:	0.239	-0.296
6:	0.148	-0.075
7:	0.634	0.319
8:	0.326	0.686
9:	-0.301	1.100
10:	-1.080	1.137

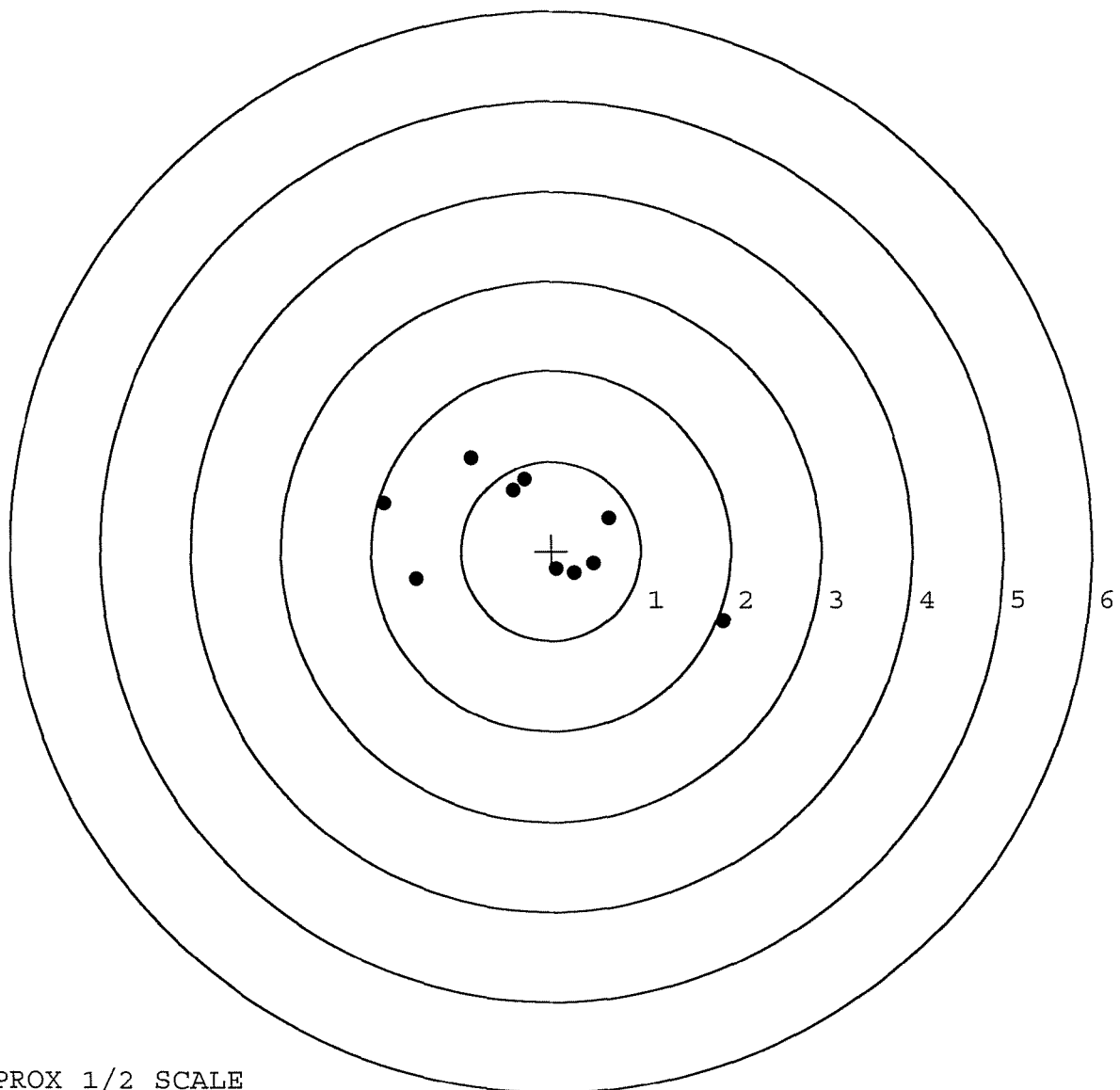


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. __0
TARGET NUMBER: 4
FILE DATE: 04/12/2005
FILE TIME: 09:49

X CENTROID: -0.164
Y CENTROID: 0.169
POA TO CENTROID: 0.236
HORZ SPREAD: 3.774
VERT SPREAD: 1.827
GROUP SPREAD: 3.999
MIN RADIUS: 0.428
MAX RADIUS: 2.293
MEAN RADIUS: 1.036
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.918	-0.791
2:	0.641	0.367
3:	-0.306	0.798
4:	-0.890	1.036
5:	-1.856	0.530
6:	-1.501	-0.322
7:	-0.432	0.674
8:	0.476	-0.146
9:	0.261	-0.250
10:	0.051	-0.201



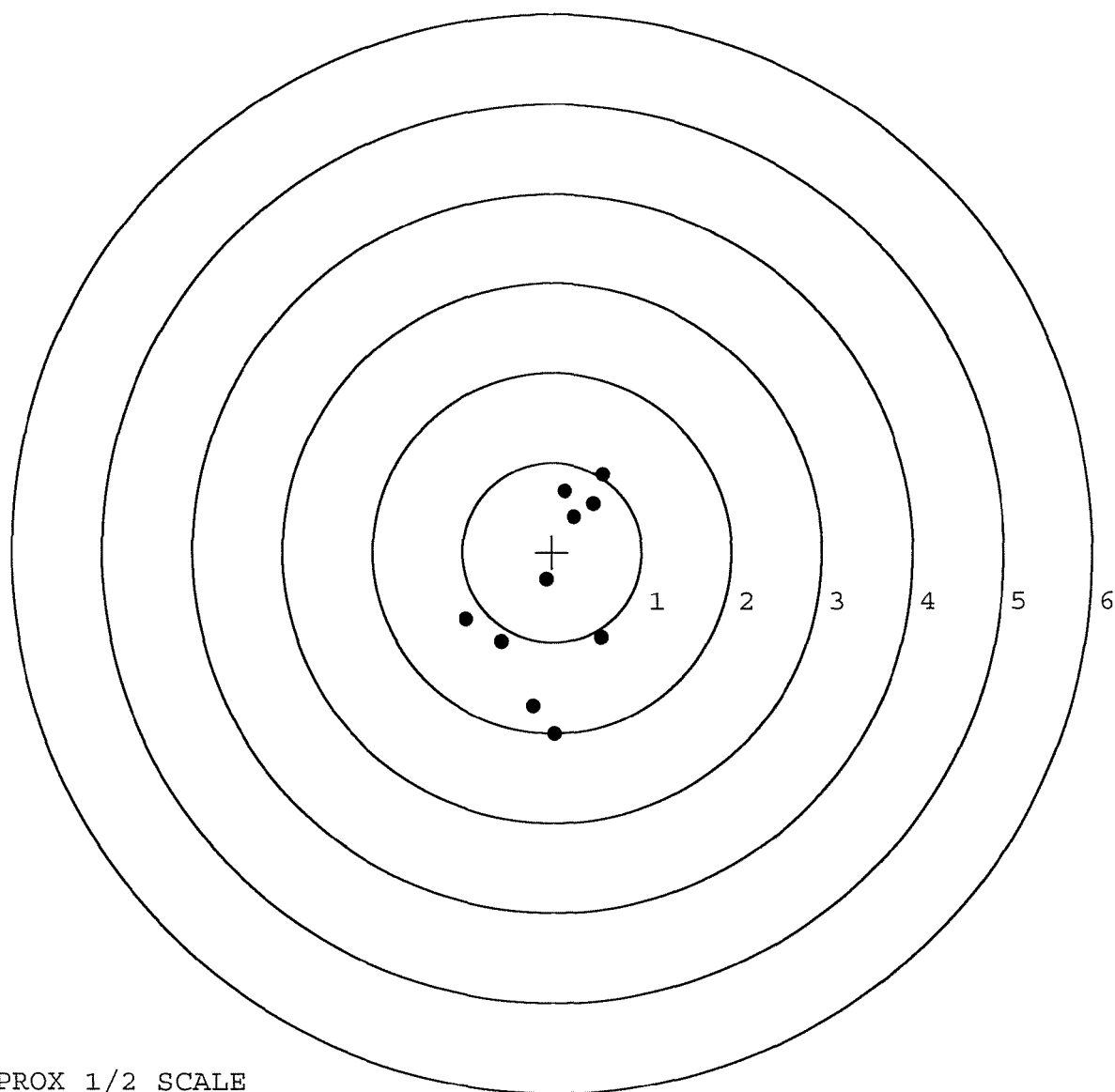
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. __0
TARGET NUMBER: 5
FILE DATE: 04/12/2005
FILE TIME: 09:49

X CENTROID: 0.015
Y CENTROID: -0.424
POA TO CENTROID: 0.425
HORZ SPREAD: 1.542
VERT SPREAD: 2.887
GROUP SPREAD: 2.940
MIN RADIUS: 0.142
MAX RADIUS: 1.592
MEAN RADIUS: 1.008

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.544	-0.953
2:	-0.067	-0.309
3:	-0.574	-0.995
4:	-0.969	-0.757
5:	0.242	0.396
6:	0.465	0.542
7:	0.144	0.679
8:	0.573	0.871
9:	0.017	-2.016
10:	-0.226	-1.702



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	94703		
SERIAL NUMBER	C6594620		
LOG-IN DATE	3-17-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-18-05	RTL
560 A	RE-BARREL	3-22-05	RTL
B	DRILL AND TAP	3-22-05	TRW
575	ASSEMBLE	3-22-05	RTL
600	PROOF	3-22-05	-FRLJ
605	CHECK HEADSPACE	3-22-05	TRW
610	DIS-ASSEMBLE GUN	3-22-05	RTL
612	MAGNAFLUX	3-22-05	
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	SW
620	APPLY COATINGS	4/5	HT
625 A	FINAL ASSEMBLY	4-11-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-12-05	AC
D	SAFETY "OFF" FORCE	4-12-05	AC
E	FIRING PIN INDENT	4-12-05	AC
640	TARGET	4-12-05	AC
655	FINAL INSPECT	4-12-05	AC
660	PACK	4-13-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington®



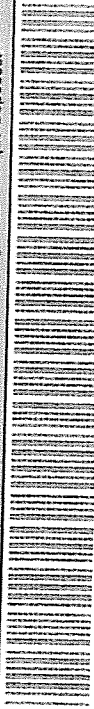
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
06594620

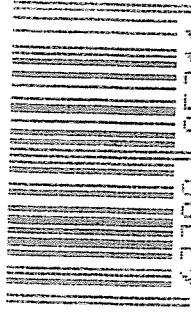
ORDER NO.
5716

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



5716 06594620

UPC



0 4700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594620

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/20/90	K.S.
600	Proof		12/20/90	K.S.
607	Check Headspace		12/20/90	K.S.
610	Dis-assemble Gun		12/20/90	K.S.
612	Magnaflux Barrel Action		1/4/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	28.
617	Drill and Tap Sight Holes	1 10 91		FB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	KS
	C) Inspect Ejector Hole for Chamfer		1/28/91	KS
	D) Oil Firing Pin Ass'y		1/28/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/29/91	SH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	4 ³ / ₄			1/29/91	W.B.
	G) Safety Off Force	2 ¹ / ₄	2 ¹ / ₄	2 ¹ / ₄			1/29/91	W.B.
	H) Trigger Pull Test & Retainability						1/29/91	JP
	I) Firing Pin Indent	.021	.021	.021			1/29/91	W.B.
	J) Assemble Stock						1/29/91	KS
	K) Assemble Swivel Studs						2-6-91	K
	L) Attach Front and Rear Sight Assemblies						1/29/91	KS
	M) Iron Sight Alignment						1/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	KS
	O) Attach Scope to Rifle						1/29/91	KS
	P) Detach & Attach Scope 20 Times						1/29/91	KS
640	Gallery Target & Test						1/29/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						1/29/91	KJ
655	Final Inspection							
	A) Headspace						2-6-91	K
	B) Trigger Pull	2.52	2.43	2.55	2.57	2.56	2-4-91	JP
	C) Function						2-6-91	AC
660	Pack						3-19-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6594620

DATE 1/29/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.35	2.26	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.26	2.30	2.43	
PULL #3	2.42	2.23	2.37	2.55	
PULL #4	2.39	2.26	2.33	2.57	
PULL #5	2.49	2.41	2.44	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.48		
PULL #2	3.51	3.40		
PULL #3	3.52	3.39		
PULL #4	3.32	3.36		
PULL #5	3.39	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.37		4.55
PULL #2	4.30	4.31		4.39
PULL #3	4.24	4.26		4.29
PULL #4	4.23	4.20		4.44
PULL #5	4.39	4.31		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594620
30 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.298304
1 TO	2	.292549
1 TO	3	.450148
1 TO	4	.336275
1 TO	5	.391297

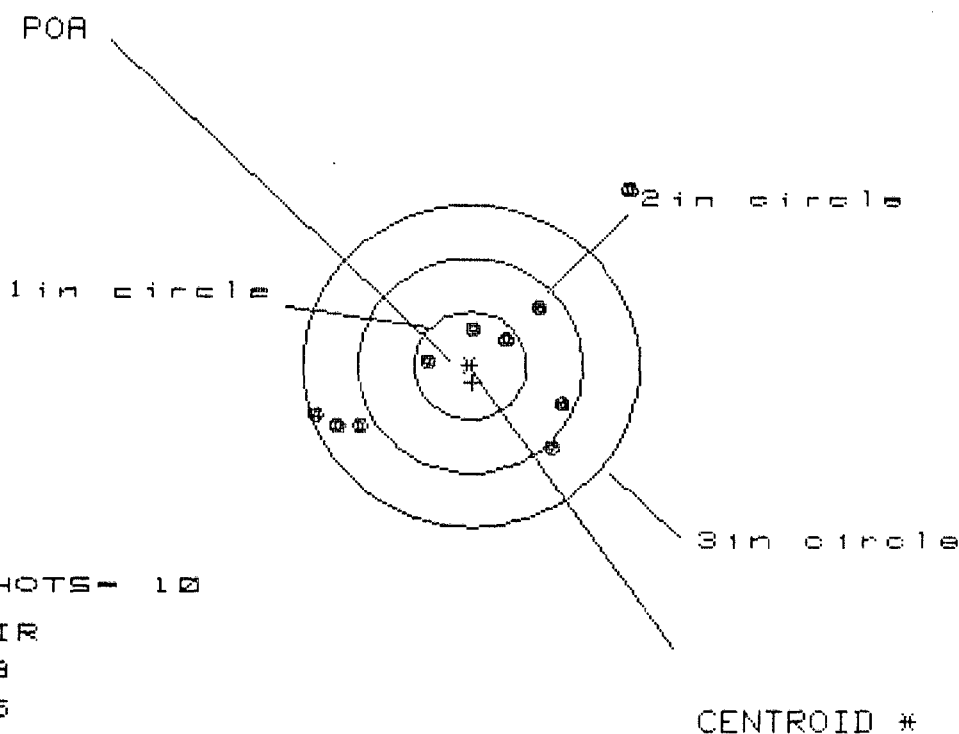
100 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0126
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0524
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0538936
THE AMR FOR THIS RIFLE IS: .8746

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594620

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 5

3 in - 9

HS- 2.750

VS- 2.406

GS- 3.418

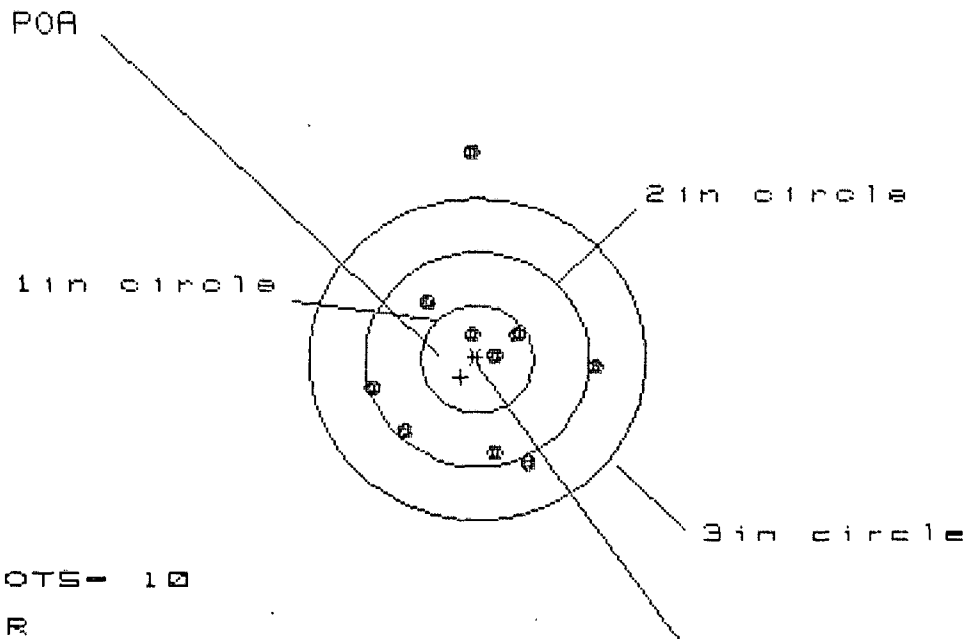
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.401	.962	.813
MINIMUM X	-1.349	-1.193	-1.133
MAXIMUM Y	1.613	.684	.654
MINIMUM Y	-.794	-.614	-.644
CENTROID X	-.016	-.172	-.023
CENTROID Y	.158	-.022	.008
POA TO CENTROID in.	.158	.173	.024
MIN RADIUS	.308	.277	.389
MEAN RADIUS	.970	.845	.783
MAX RADIUS	2.136	1.217	1.198
HORIZONTAL SPREAD	2.750	2.155	1.946
VERTICAL SPREAD	2.406	1.298	1.298
EXTREME SPREAD	3.418	2.174	2.045
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594620

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.995

VS= 2.873

GS= 2.904

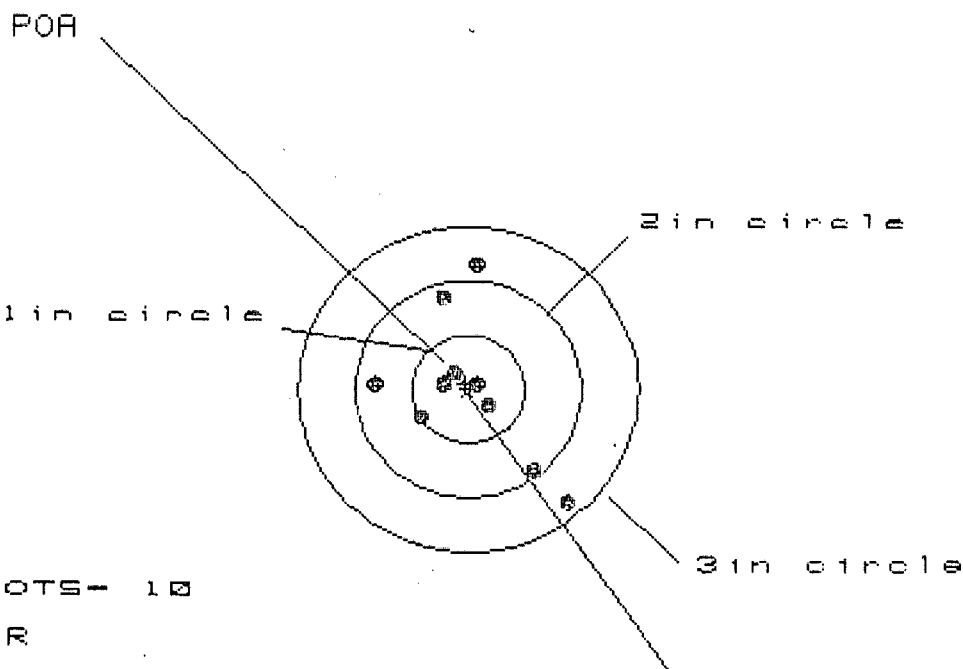
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	1.014	1.065
MINIMUM X	:	-.979	-.981	-.930
MAXIMUM Y	:	1.931	.739	.648
MINIMUM Y	:	-.942	-.728	-.763
CENTROID X	:	.145	.147	.096
CENTROID Y	:	.169	-.045	.046
POA TO CENTROID in.	:	.223	.154	.106
MIN RADIUS	:	.190	.273	.261
MEAN RADIUS	:	.830	.714	.684
MAX RADIUS	:	1.931	1.023	1.066
HORIZONTAL SPREAD	:	1.995	1.995	1.995
VERTICAL SPREAD	:	2.873	1.467	1.411
EXTREME SPREAD	:	2.904	2.002	2.002
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	6		
NUMBER IN THREE INCH CIRCLE =	:	9		

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594620

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS= 1.700

VS= 2.155

GS= 2.308

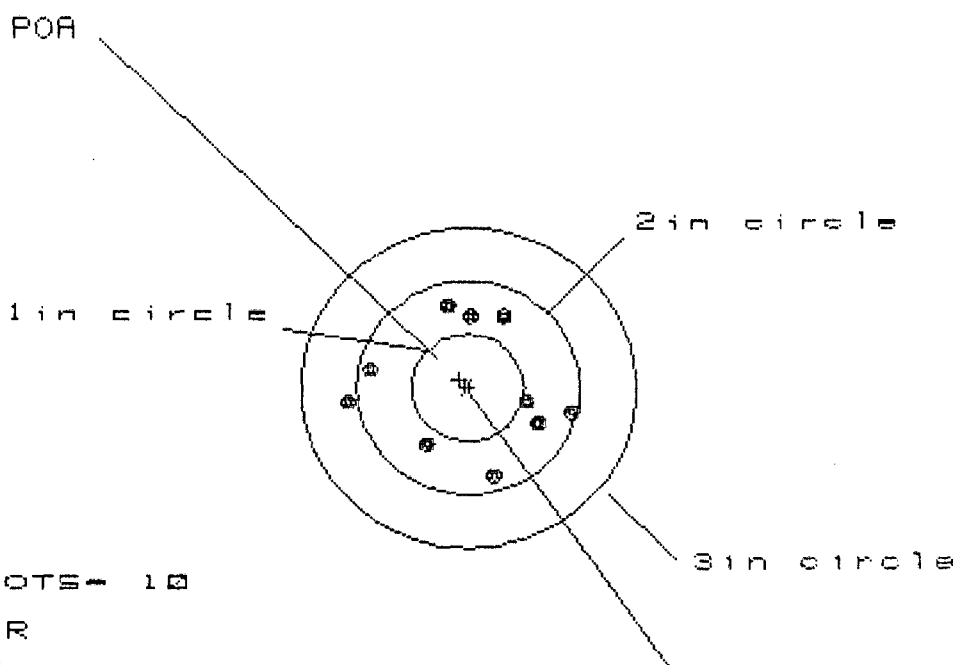
CENTROID #

PATTERN #	:	14	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.908	.670	.693
MINIMUM X	:	-.792	-.691	-.668
MAXIMUM Y	:	1.111	.995	.855
MINIMUM Y	:	-1.044	-.879	-.755
CENTROID X	:	.024	-.077	-.100
CENTROID Y	:	-.054	.062	-.062
POA TO CENTROID in.	:	.059	.099	.118
MIN RADIUS	:	.108	.071	.125
MEAN RADIUS	:	.640	.542	.470
MAX RADIUS	:	1.384	1.106	1.025
HORIZONTAL SPREAD	:	1.700	1.361	1.361
VERTICAL SPREAD	:	2.155	1.874	1.610
EXTREME SPREAD	:	2.308	1.936	1.798
NUMBER IN ONE INCH CIRCLE =	:		5	
NUMBER IN TWO INCH CIRCLE =	:		8	
NUMBER IN THREE INCH CIRCLE =	:		10	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534620

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 9

3 in - 10

HS - 1.968

VS - 1.658

GS - 1.972

PATTERN #	:	351		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.889	.770	.640
MINIMUM X	:	-1.079	-1.033	-.641
MAXIMUM Y	:	.785	.774	.788
MINIMUM Y	:	-.873	-.884	-.870
CENTROID X	:	.076	.195	.325
CENTROID Y	:	-.072	-.061	-.075
POA TO CENTROID in.	:	.104	.205	.333
MIN RADIUS	:	.554	.437	.308
MEAN RADIUS	:	.791	.741	.680
MAX RADIUS	:	1.083	1.039	.880
HORIZONTAL SPREAD	:	1.968	1.803	1.281
VERTICAL SPREAD	:	1.658	1.658	1.658
EXTREME SPREAD	:	1.972	1.836	1.691
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

INITIAL

JJM

COMMENTS

W/LEUPOLD 10X SCOPE

ORDER

R 96-21854

CUSTOMER ORDER NO.

Scope # 90-0930

DATE RECEIVED

10/03/96

DATE OPENED

10/03/96

DATE CODE

DL 9-91

SERIAL NUMBER

C6594620

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62 NATO

ACCESSORIES

W/STUDS W/SWIVELS SCOPE BASE

FROM:

TRANSPORTATION OFFICER

ANNISTON ARMY DEPOT

ANNISTON AL 36201

SHIP TO:

TRANSPORTATION OFFICER

ANNISTON ARMY DEPOT

ANNISTON AL 36201

CUST NO: 150939 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. DATE

ESTIMATED

VIA

UPS

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

Trigger Assy - 96024

Front Sight Assy - 96118

Rear " " - 96119

COMMENTS

Scope Sent Back To Factory for Inspec.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 6/96

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. C6594620

DATE 4-14-97

TESTER EK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.43	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.51	2.57	
PULL #3	2.57	2.47	2.49	
PULL #4	2.52	2.59	2.64	
PULL #5	2.55	2.59	2.55	
TOTAL	12.73	12.59	12.92	
AVG.	2.55	2.52	2.58	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.15	
PULL #2	3.11	3.15	
PULL #3	3.07	3.06	
PULL #4	3.11	3.15	
PULL #5	3.02	3.13	
TOTAL	15.46	15.64	
AVG.	3.09	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	3.56		3.97
PULL #2	4.16	4.17		4.40
PULL #3	4.15	4.25		4.39
PULL #4	4.04	4.20		4.22
PULL #5	4.18	4.29		4.23
TOTAL	20.72	20.47		21.21
AVG.	4.14	4.09		4.24

21 DAY TURN - AROUND

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

R&E NO.

SERIAL NO. *C6594620*

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

605 CHECK HEADSPACE

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

B TRIGGER PULL TEST 2.95 2.90 2.85 2.83 2.83

C SAFETY ON FORCE 3.5 3.5 3.5

D SAFETY OFF FORCE 2.5 2 2

E FIRING PIN INDENT

640 TARGET

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

6/18/97 *Rw*

Final Inspection

Sn: C6594620

DATE REC'D: 10/3/96

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: