

06594630

MODEL 700™ M24

Model **SWS**™

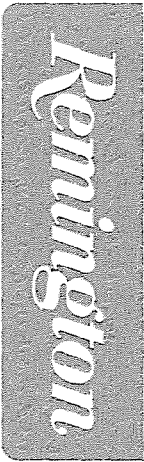
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00156479

Serial: C6594630 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1991

Repairman:

Status: Closed 12/6/2008 7:39:20 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

BOX 339500 MAIL STOP 181

PO Box:

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received:

Code	Desc	Qty
A010	Hard Case A 2	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

12/8/2008

12:27 PM

CAPS

NUM

INS

SCLL



Serial Number: C6594630

Model: M24 SWS



RE00156479

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

R & E NUMBER 156479
 SERIAL NUMBER C16594630
 LOG-IN DATE 12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-9-08	RTZ
505	RE-BARREL	12-9-08	RTZ
560	ASSEMBLE	12-9-08	RTZ
600	PROOF	12-15-08	SPD
605	CHECK HEADSPACE	12-15-08	SPD
610	DIS-ASSEMBLE GUN	12-15-08	SPD
612	MAGNAFLUX	12/20/08	(X)
510	DRILL AND TAP	12-16-08	SB
615	ROLLMARK CALIBER	12/30/08	RT
618	ROTO-BLAST	1/5	TZ
620	APPLY COATINGS	1/7	TZ
625	FINAL ASSEMBLY	1-8-09	RTZ
640	FUNCTION TEST AND	PASS FAIL 1-9-09	TZ
650	TARGET	PASS FAIL 1-9-09	TZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-9-09	RTZ
	A) HEADSPACE	PASS FAIL 1-12-09	RTZ
	B) TRIGGER PULL	2.68 2.68 2.65 2.60 2.60 1-12-09	TZ
680	F) SAFETY ON FORCE	40 40 40 1-12-09	RTZ
	G) SAFETY OFF FORCE	50 50 50 1-12-09	RTZ
	H) FIRING PIN INDENT	.021 .021 .021 1-12-09	RTZ
690	PACK	1/12/09	RTZ

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594630.__1
FILE DATE AND TIME: 01/12/2009 07:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.015
The Average Y Centroid of the Five Target Set:	0.027
The Average Point of Impact of the Five Target Set:	0.031
The Average Mean Radius of the Five Target Set:	0.657
The Distance from POA to Centroid Target #1:	0.072
The Distance from Centroid Target #2 to Centroid Target #1:	0.148
The Distance from Centroid Target #3 to Centroid Target #1:	0.253
The Distance from Centroid Target #4 to Centroid Target #1:	0.087
The Distance from Centroid Target #5 to Centroid Target #1:	0.111

SERIAL NUMBER: C6594630. 1

TARGET NUMBER: 1

FILE DATE: 01/12/2009

FILE TIME: 07:19

POINT#	X	Y
1:	0.706	0.785
2:	0.319	0.476
3:	0.319	0.233
4:	0.235	-0.184
5:	0.922	-0.002
6:	-0.310	0.021
7:	-0.344	-0.282
8:	-1.276	-0.161
9:	0.219	0.086
10:	-0.605	-0.277

X CENTROID: 0.019

Y CENTROID: 0.070

POA TO CENTROID: 0.072

HORZ SPREAD: 2.198

VERT SPREAD: 1.067

GROUP SPREAD: 2.204

MIN RADIUS: 0.201

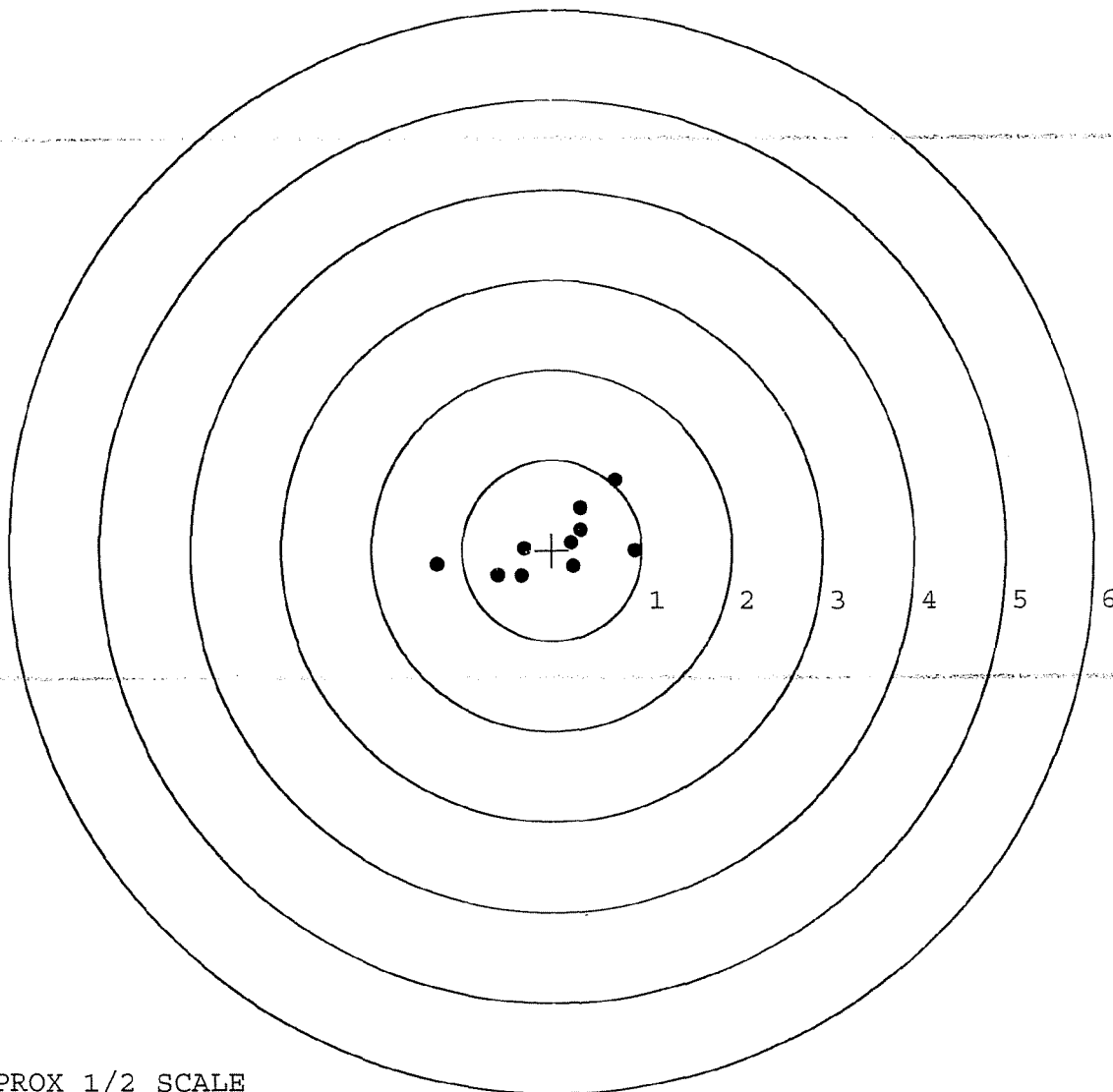
MAX RADIUS: 1.315

MEAN RADIUS: 0.615

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0020658

SERIAL NUMBER: C6594630. 1

TARGET NUMBER: 2

FILE DATE: 01/12/2009

FILE TIME: 07:19

POINT#	X	Y
1:	-0.145	0.985
2:	-0.285	0.742
3:	-0.442	0.739
4:	-0.499	-0.144
5:	-0.061	0.000
6:	0.362	-1.059
7:	0.339	-0.535
8:	1.029	-0.177
9:	0.808	-0.070
10:	0.532	-0.043

X CENTROID: 0.164

Y CENTROID: 0.044

POA TO CENTROID: 0.170

HORZ SPREAD: 1.528

VERT SPREAD: 2.044

GROUP SPREAD: 2.106

MIN RADIUS: 0.229

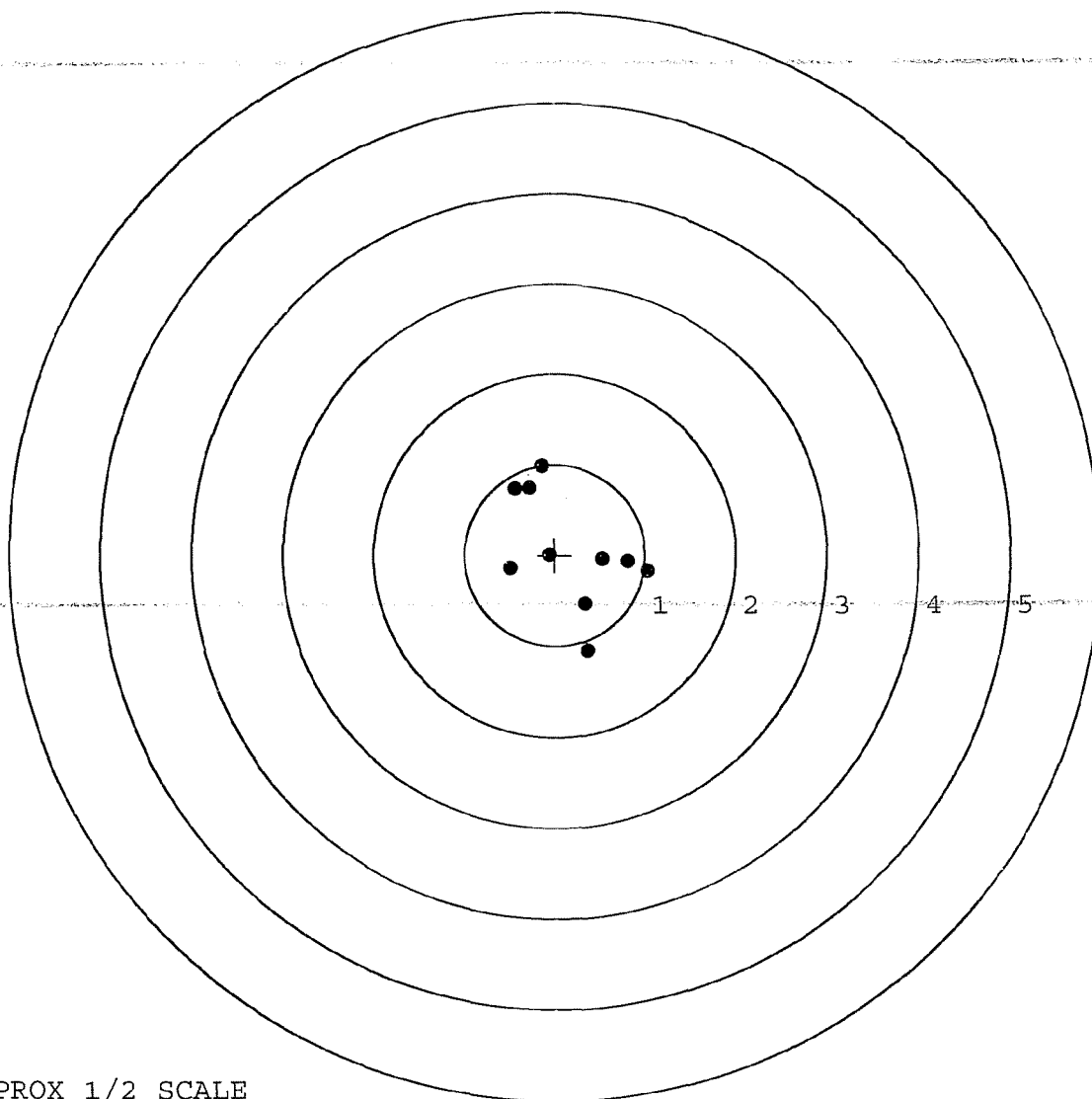
MAX RADIUS: 1.120

MEAN RADIUS: 0.731

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594630. 1

TARGET NUMBER: 3

FILE DATE: 01/12/2009

FILE TIME: 07:19

POINT#	X	Y
1:	0.933	-0.070
2:	0.469	0.334
3:	-0.776	0.817
4:	-0.168	0.363
5:	0.024	-0.034
6:	-0.382	0.055
7:	-0.280	0.305
8:	-0.399	-0.630
9:	-0.782	-0.599
10:	-0.905	-0.483

X CENTROID: -0.227

Y CENTROID: 0.006

POA TO CENTROID: 0.227

HORZ SPREAD: 1.838

VERT SPREAD: 1.447

GROUP SPREAD: 1.925

MIN RADIUS: 0.163

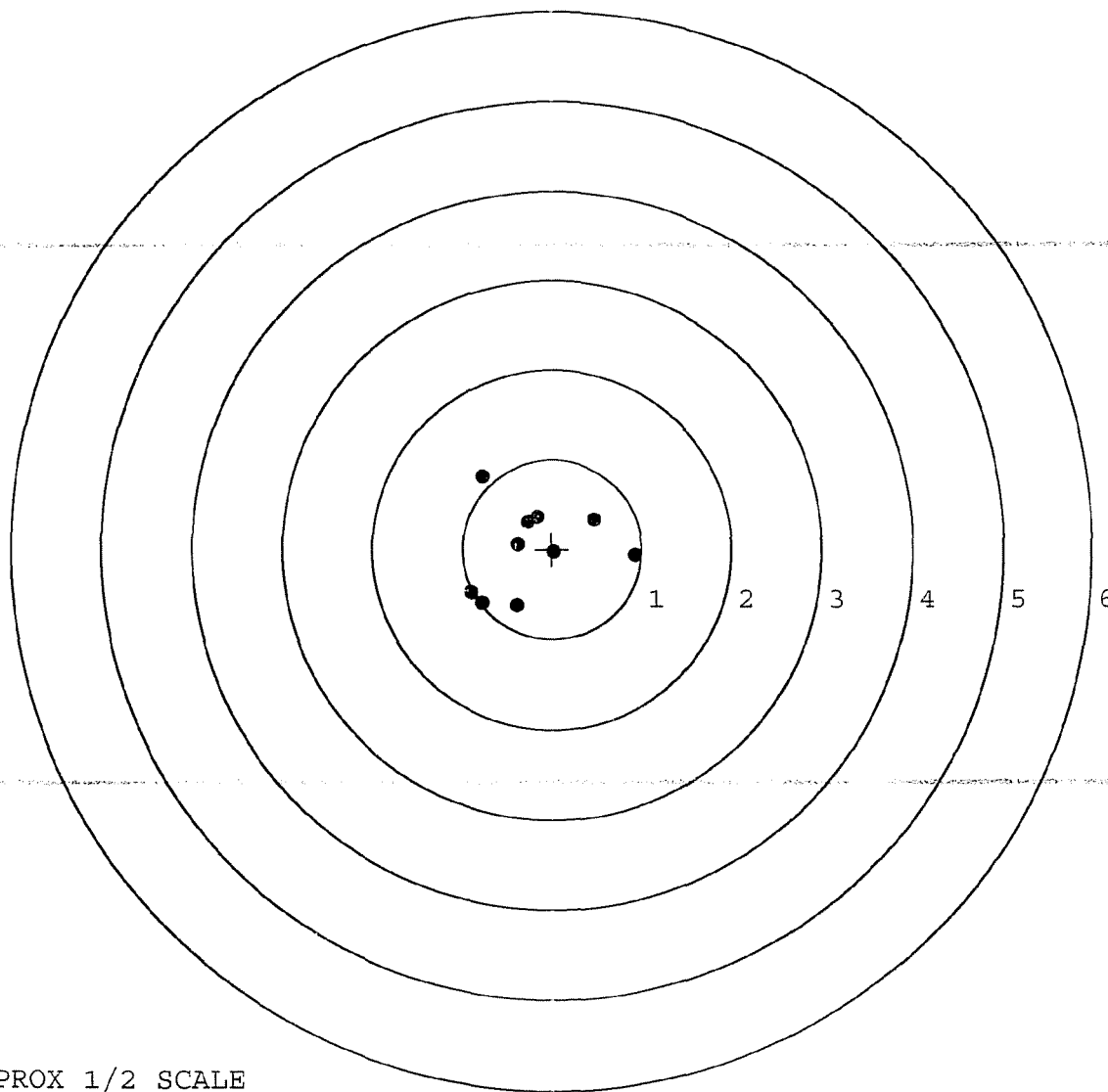
MAX RADIUS: 1.162

MEAN RADIUS: 0.631

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0020660

SERIAL NUMBER: C6594630. 1

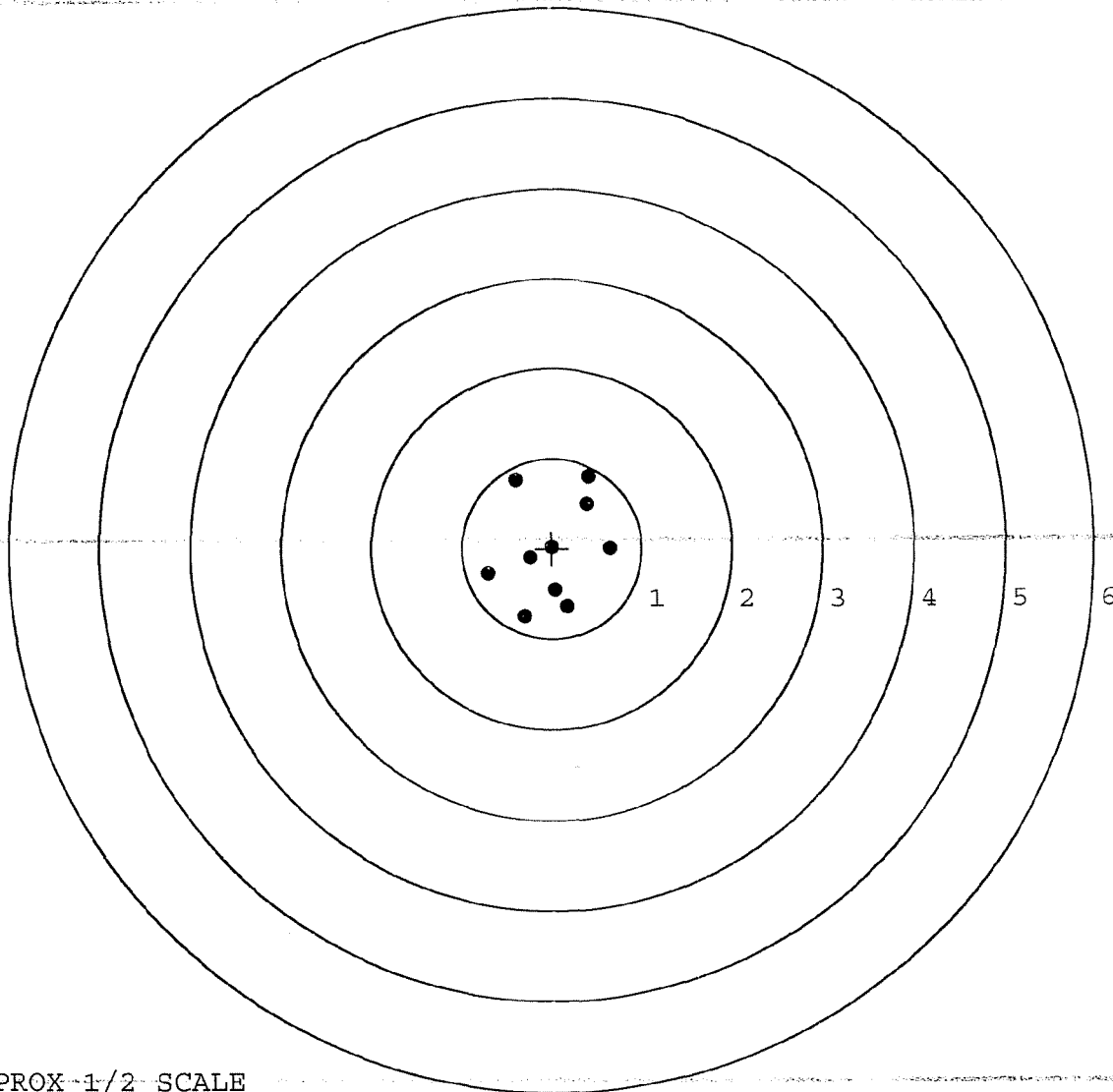
TARGET NUMBER: 4

FILE DATE: 01/12/2009

FILE TIME: 07:19

POINT#	X	Y
1:	-0.403	0.766
2:	0.407	0.802
3:	0.389	0.503
4:	0.651	0.008
5:	0.173	-0.647
6:	0.034	-0.465
7:	-0.001	0.017
8:	-0.246	-0.103
9:	-0.312	-0.760
10:	-0.707	-0.277

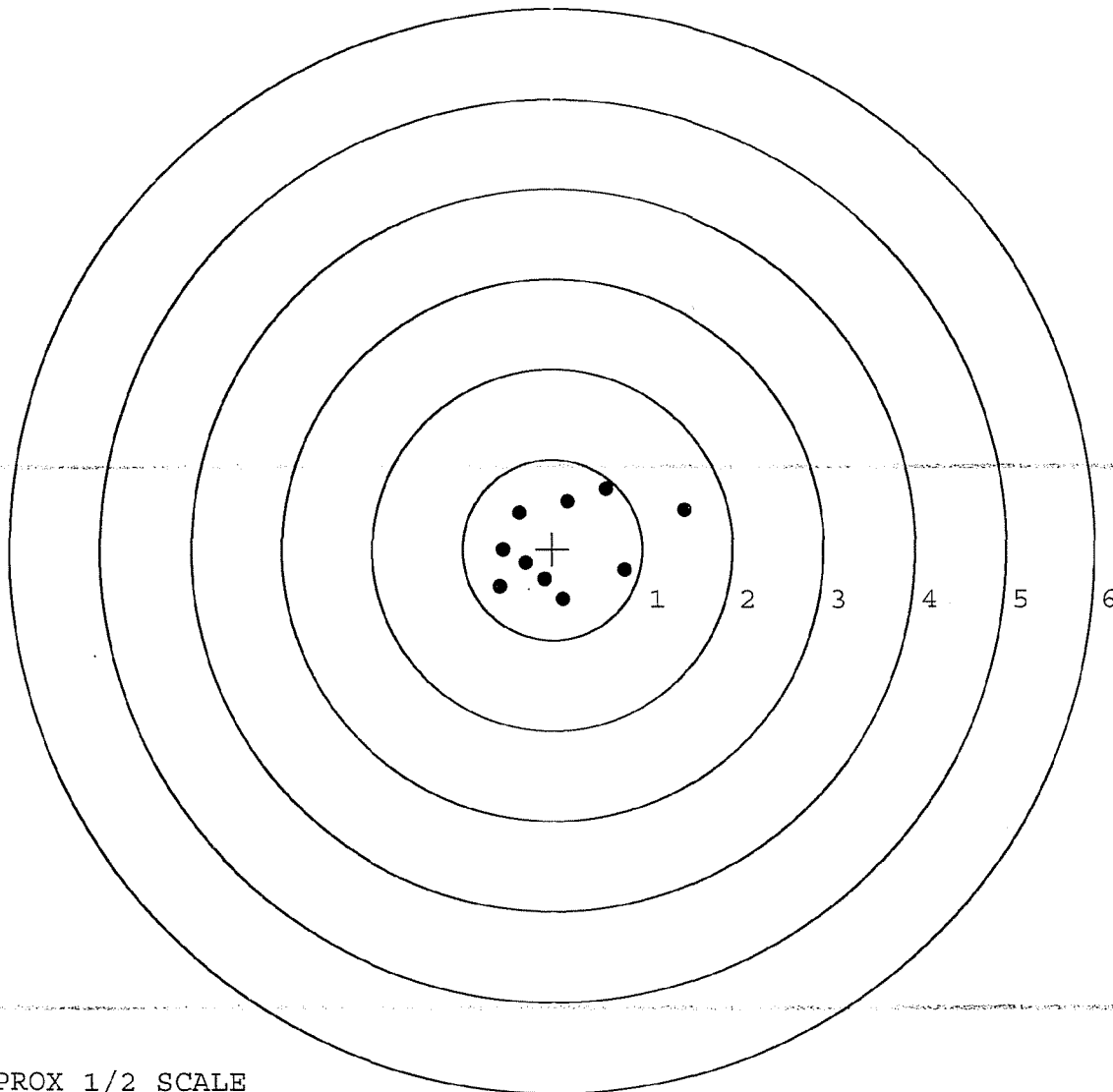
X CENTROID: -0.001
Y CENTROID: -0.016
POA TO CENTROID: 0.016
HORZ SPREAD: 1.358
VERT SPREAD: 1.562
GROUP SPREAD: 1.720
MIN RADIUS: 0.033
MAX RADIUS: 0.914
MEAN RADIUS: 0.605
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0020661

SERIAL NUMBER: C6594630. <u>1</u>	POINT#	X	Y
TARGET NUMBER: <u>5</u>	1:	1.462	-0.434
FILE DATE: 01/12/2009	2:	0.800	-0.240
FILE TIME: 07:19	3:	0.596	0.671
	4:	0.162	0.530
X CENTROID: 0.123	5:	0.114	-0.555
Y CENTROID: 0.032	6:	-0.090	-0.336
POA TO CENTROID: -0.127	7:	-0.587	-0.416
HORZ SPREAD: 2.049	8:	-0.303	-0.160
VERT SPREAD: 1.226	9:	-0.550	-0.012
GROUP SPREAD: 2.218	10:	-0.378	0.406
MIN RADIUS: 0.425			
MAX RADIUS: 1.398			
MEAN RADIUS: 0.704			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00124487

Serial: C6594630 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status: New 1/30/2007 10:23:06 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: H H C 2-23 IN ATTN:SSG PEREZ

H H C 2-23 IN ATTN:SSG PEREZ

Address 2: BOX 339500 MS

PO Box:

BOX 339500 MS

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

naglej

1/30/2007

11:04 AM

CAPS

NUM

INS

SCRL

H start

2 Mic...

Arms S...

Part S...

3 Int...

5 Mic...

Travel

11:04 AM

Serial Number: C6594630

Model: M24 SWS



RE00124487

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738 750 and 735 751; the proponent agency is DCSLOG

1. ORGANIZATION HHC 2/23 IN Snipers		2. NOMENCLATURE AND MODEL m24 SWS			
3. REGISTRATION/SERIAL/NSN C6594630		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS
5. DATE					6. TYPE INSPECTION pmc S
7. APPLICABLE REFERENCE					
TM NUMBER TM 9-1005-306-10		TM DATE June 1989		TM NUMBER	
TM DATE		TM DATE			
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.			COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.		
STATUS SYMBOLS					
"X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.			DIAGONAL "/" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.		
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.					
8a. SIGNATURE (Person(s) performing inspection)		8b. TIME	9a. SIGNATURE (Maintenance Supervisor)		9b. TIME
					10. MANHOURS REQUIRED
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		No Round count Received m24 used in Bad shape			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594630.__0
FILE DATE AND TIME: 02/23/2007 22:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.017
The Average Y Centroid of the Five Target Set:	0.080
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.710
The Distance from POA to Centroid Target #1:	0.459
The Distance from Centroid Target #2 to Centroid Target #1:	0.440
The Distance from Centroid Target #3 to Centroid Target #1:	0.531
The Distance from Centroid Target #4 to Centroid Target #1:	0.571
The Distance from Centroid Target #5 to Centroid Target #1:	0.422

SERIAL NUMBER: C6594630. 0

TARGET NUMBER: 1

FILE DATE: 02/23/2007

FILE TIME: 22:57

POINT#	X	Y
1:	0.046	1.680
2:	-0.652	0.933
3:	-0.285	0.571
4:	-0.396	0.352
5:	-0.094	0.215
6:	0.260	0.410
7:	0.702	0.238
8:	0.808	0.020
9:	-0.684	-0.226
10:	0.049	0.395

X CENTROID: -0.025

Y CENTROID: 0.459

POA TO CENTROID: 0.459

HORZ SPREAD: 1.492

VERT SPREAD: 1.906

GROUP SPREAD: 2.041

MIN RADIUS: 0.097

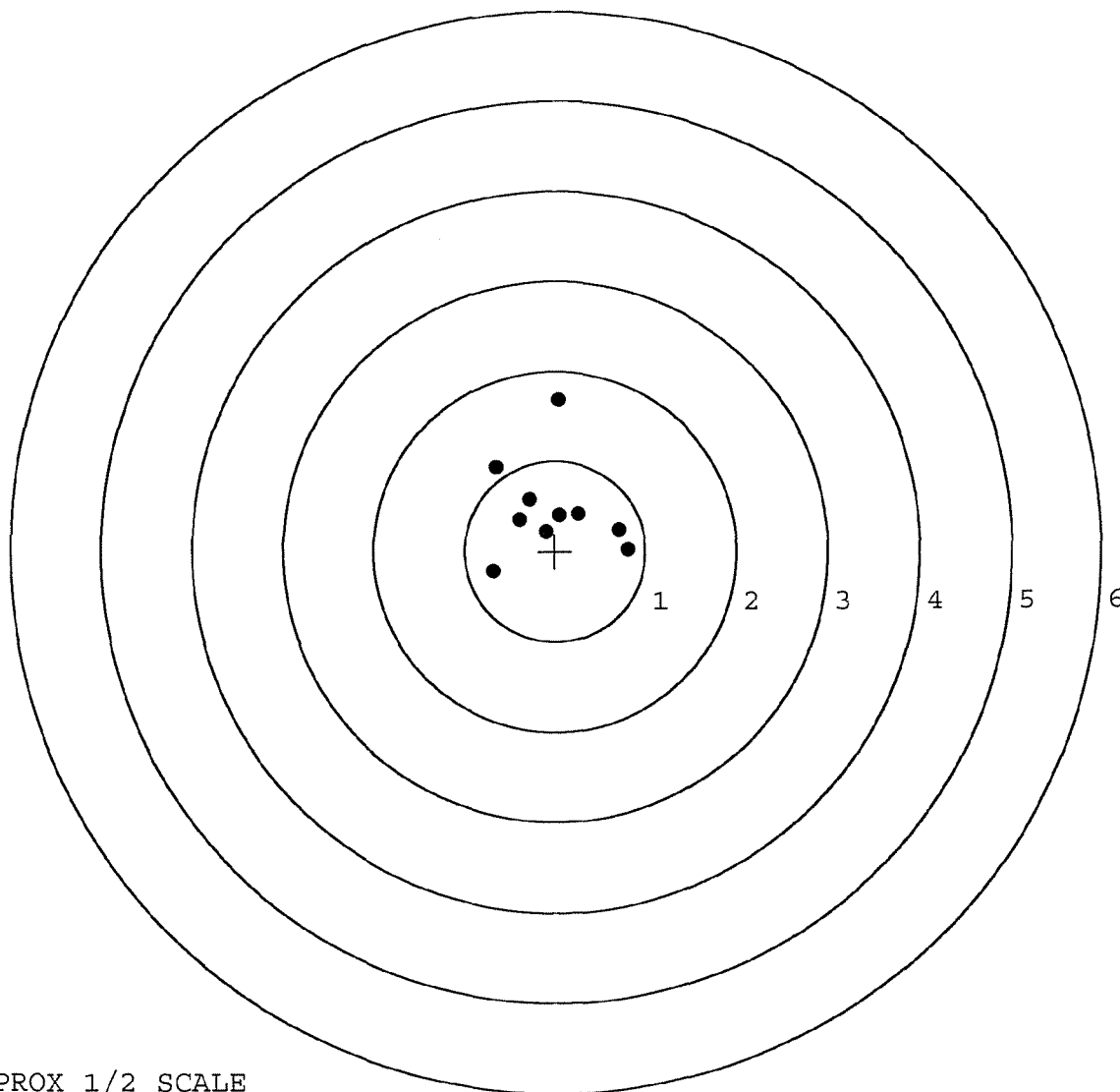
MAX RADIUS: 1.223

MEAN RADIUS: 0.597

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594630. 0

TARGET NUMBER: 2

FILE DATE: 02/23/2007

FILE TIME: 22:57

X CENTROID: -0.008

Y CENTROID: 0.019

POA TO CENTROID: 0.020

HORZ SPREAD: 1.283

VERT SPREAD: 1.173

GROUP SPREAD: 1.488

MIN RADIUS: 0.146

MAX RADIUS: 0.887

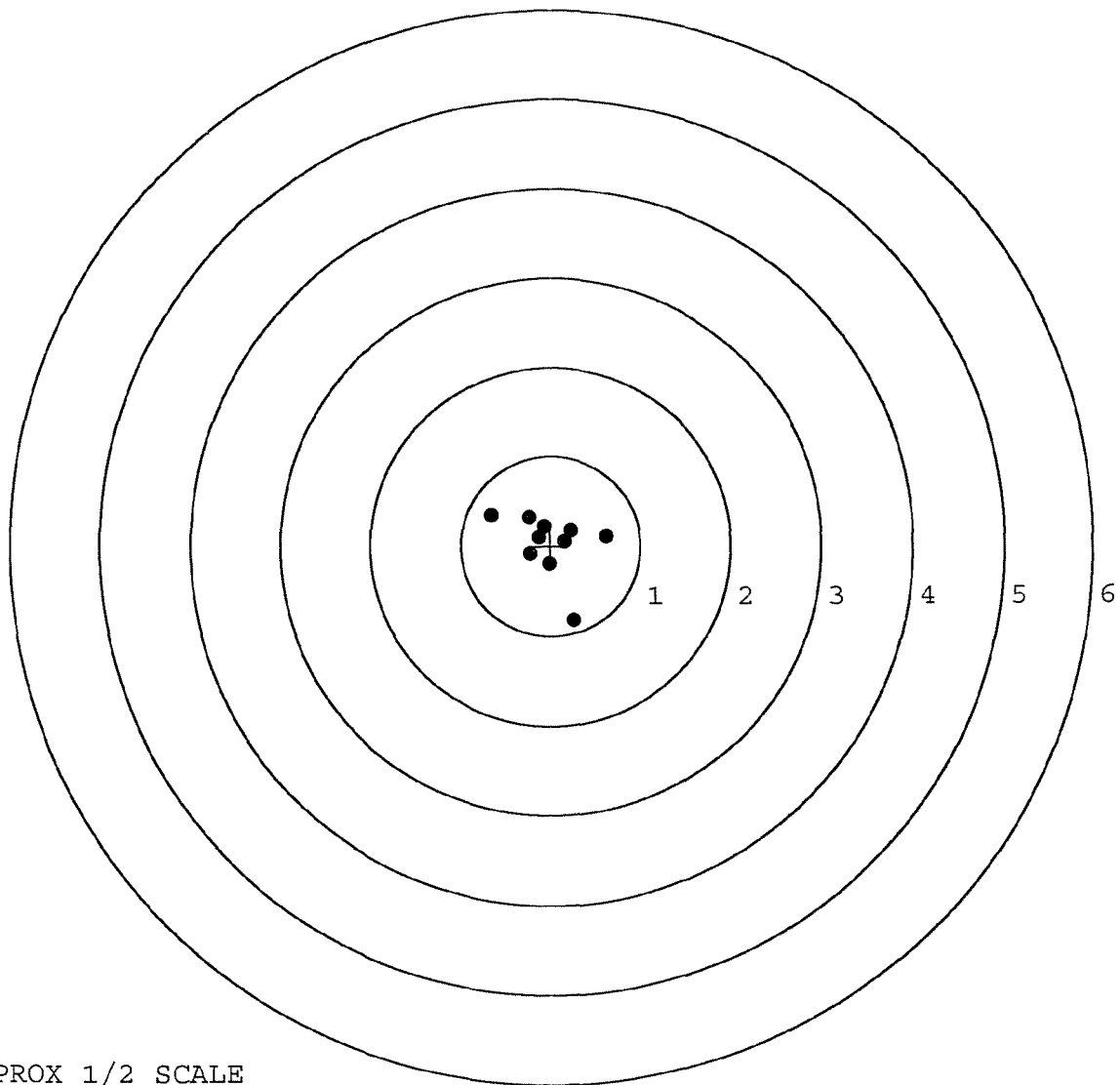
MEAN RADIUS: 0.391

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.661	0.345
2:	-0.240	0.318
3:	-0.230	-0.088
4:	-0.068	0.216
5:	-0.016	-0.203
6:	0.231	0.172
7:	0.622	0.108
8:	0.255	-0.828
9:	0.158	0.052
10:	-0.132	0.096

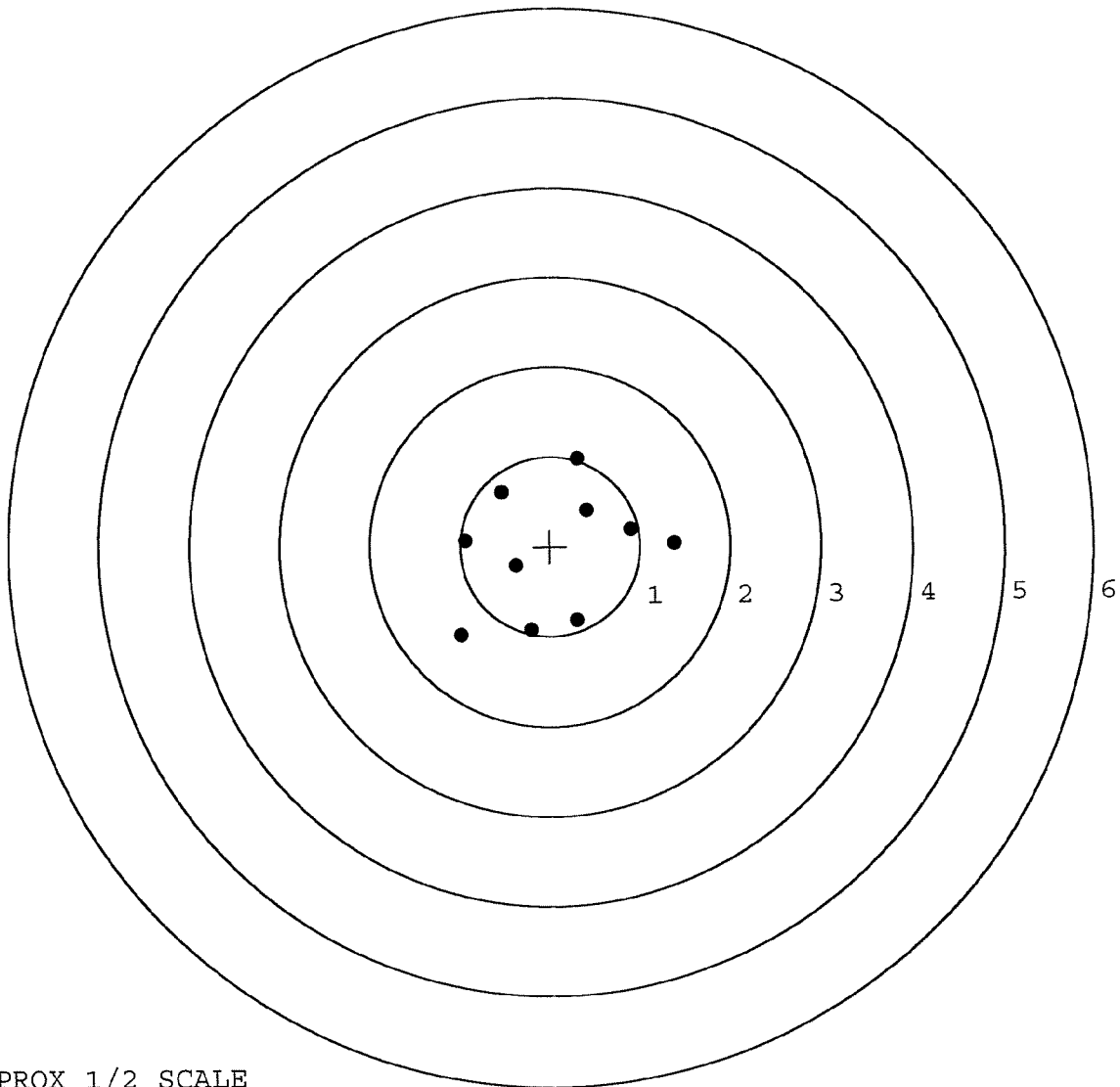


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594630. __0
 TARGET NUMBER: 3
 FILE DATE: 02/23/2007
 FILE TIME: 22:57

POINT#	X	Y
1:	-0.538	0.607
2:	0.311	0.977
3:	0.409	0.406
4:	0.899	0.188
5:	1.385	0.031
6:	-0.942	0.072
7:	-0.386	-0.219
8:	-0.218	-0.937
9:	0.297	-0.829
10:	-0.998	-0.993

X CENTROID: 0.022
 Y CENTROID: -0.070
 POA TO CENTROID: 0.073
 HORZ SPREAD: 2.383
 VERT SPREAD: 1.970
 GROUP SPREAD: 2.594
 MIN RADIUS: 0.434
 MAX RADIUS: 1.376
 MEAN RADIUS: 0.935
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594630. 0

TARGET NUMBER: 4

FILE DATE: 02/23/2007

FILE TIME: 22:57

POINT#	X	Y
1:	0.209	0.862
2:	0.449	0.036
3:	0.898	-0.248
4:	0.513	-1.036
5:	0.128	-1.151
6:	-0.607	-0.247
7:	-0.474	-0.034
8:	-0.731	0.076
9:	-0.492	0.285
10:	-0.865	0.380

X CENTROID: -0.097

Y CENTROID: -0.108

POA TO CENTROID: 0.145

HORZ SPREAD: 1.763

VERT SPREAD: 2.013

GROUP SPREAD: 1.976

MIN RADIUS: 0.384

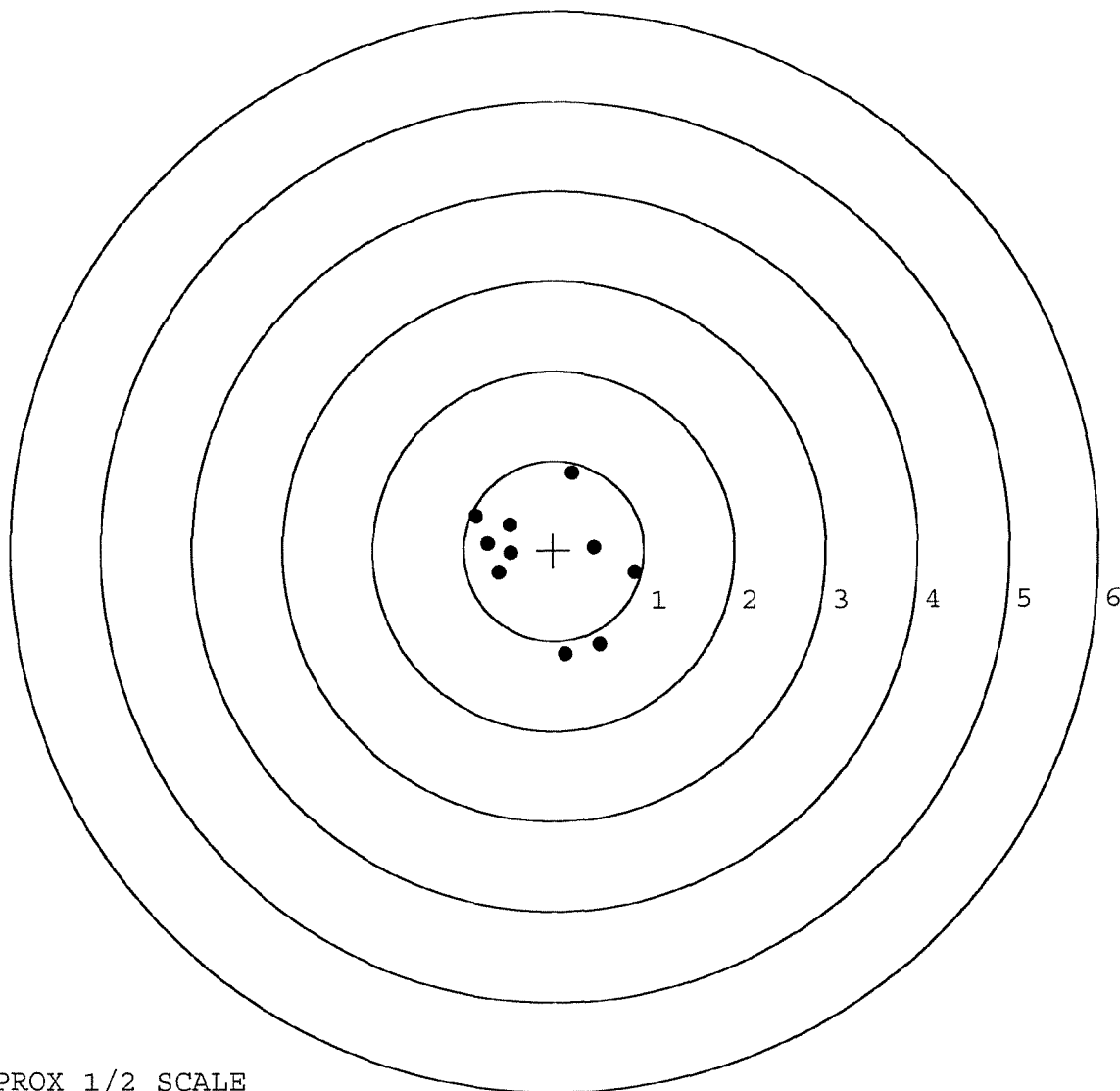
MAX RADIUS: 1.111

MEAN RADIUS: 0.780

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594630. __0

TARGET NUMBER: 5

FILE DATE: 02/23/2007

FILE TIME: 22:57

POINT#	X	Y
1:	0.434	1.338
2:	0.893	1.000
3:	0.207	0.806
4:	-0.220	0.604
5:	0.388	0.201
6:	0.460	0.040
7:	-0.437	0.011
8:	-0.450	-0.741
9:	0.372	-0.984
10:	0.296	-1.295

X CENTROID: 0.194

Y CENTROID: 0.098

POA TO CENTROID: 0.218

HORZ SPREAD: 1.343

VERT SPREAD: 2.633

GROUP SPREAD: 2.637

MIN RADIUS: 0.219

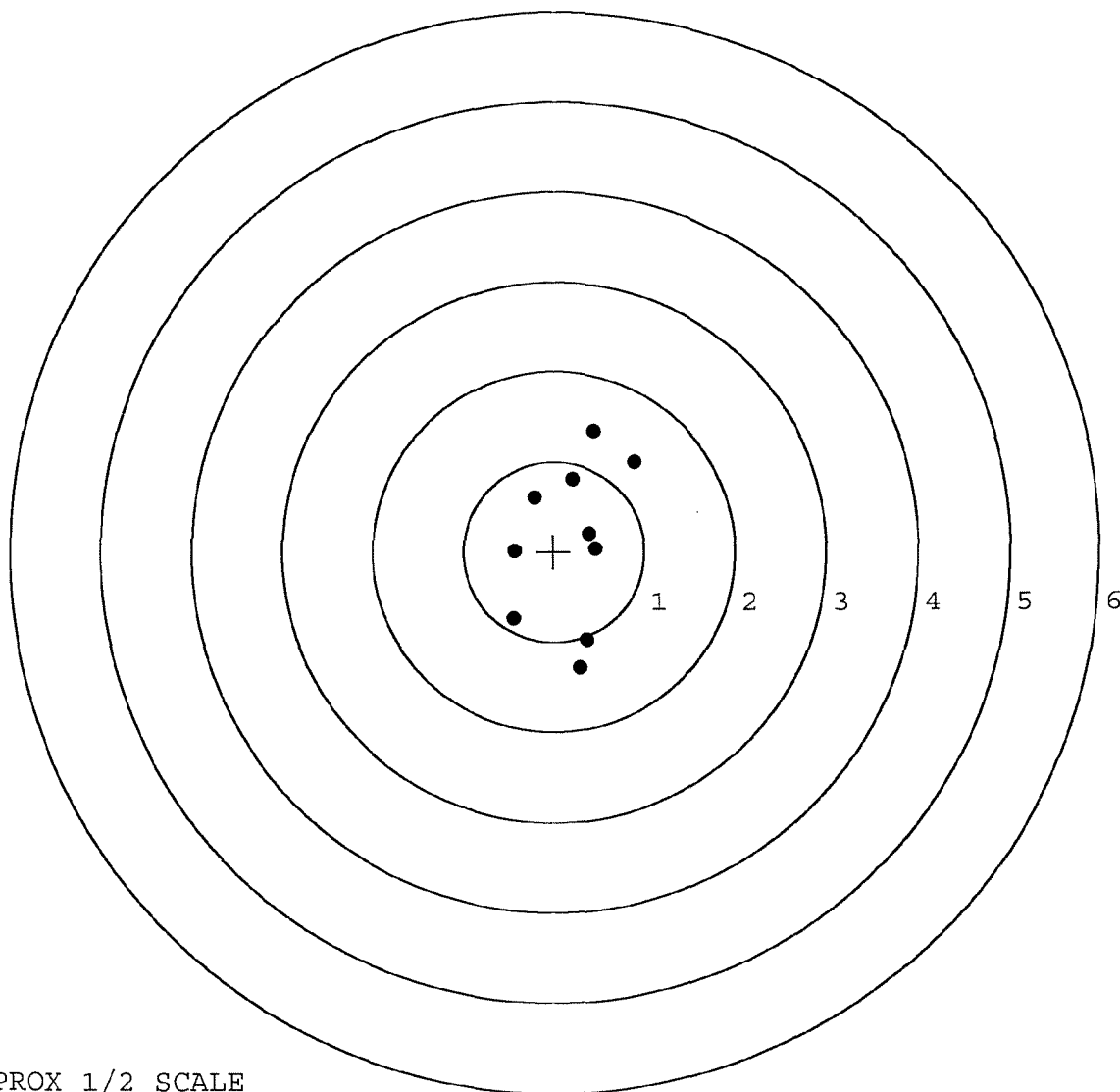
MAX RADIUS: 1.397

MEAN RADIUS: 0.845

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

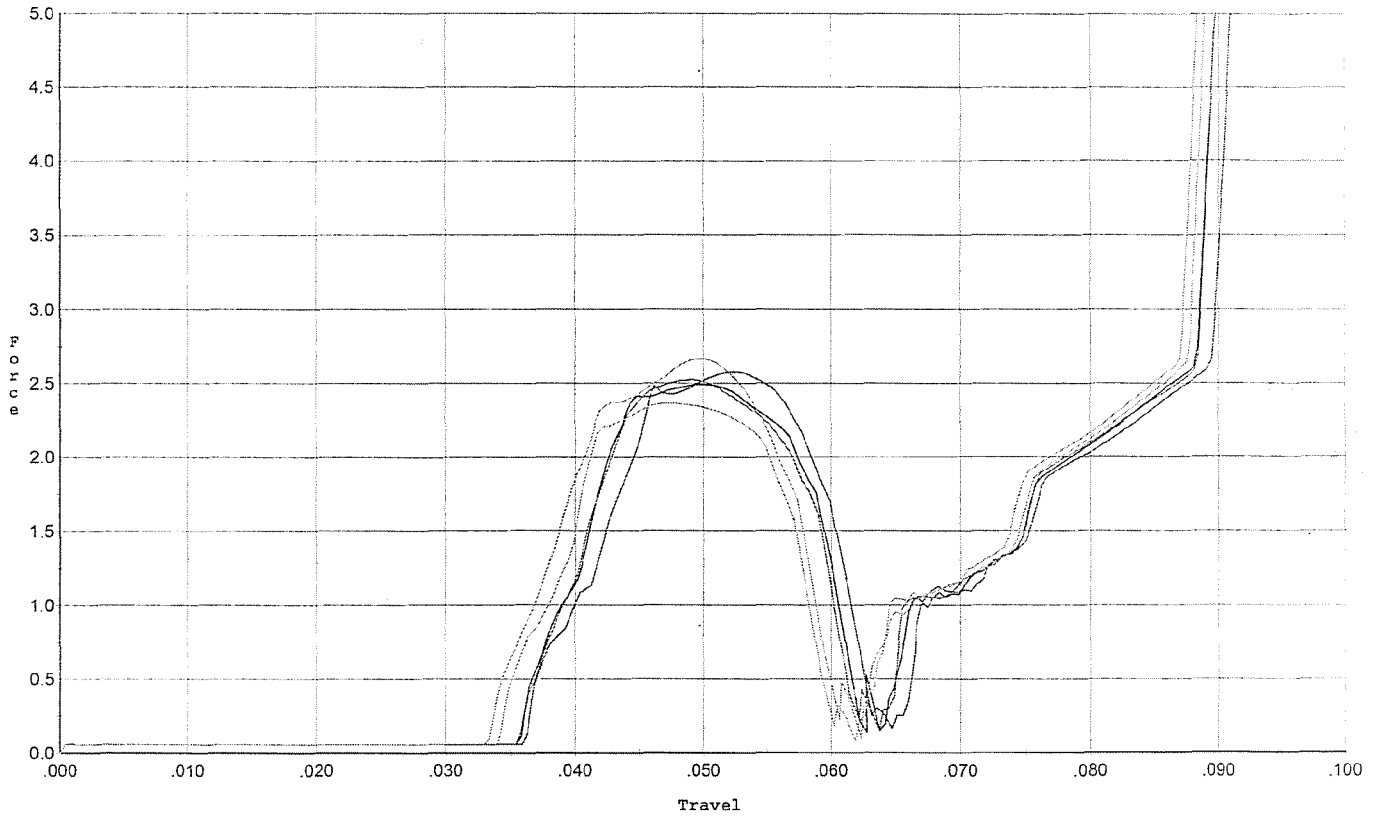


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



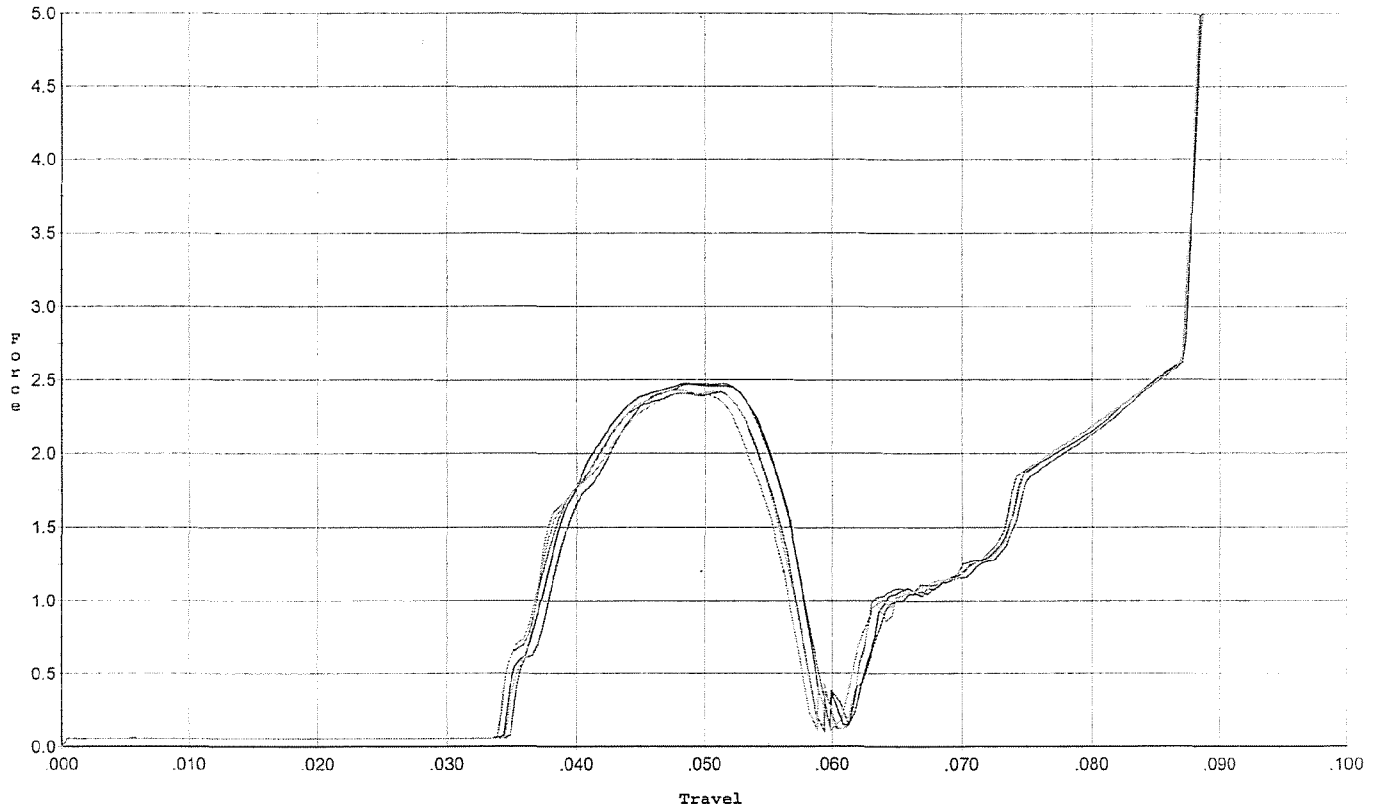
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.577	0.061	0.036	0.037	0.049		Set Trigger
2	2.492	0.060	0.036	0.037	0.049		Set Trigger
3	2.524	0.059	0.036	0.037	0.047		Set Trigger
4	2.365	0.057	0.034	0.038	0.045		Set Trigger
5	2.665	0.057	0.034	0.037	0.050		Set Trigger

Avg 2.52

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



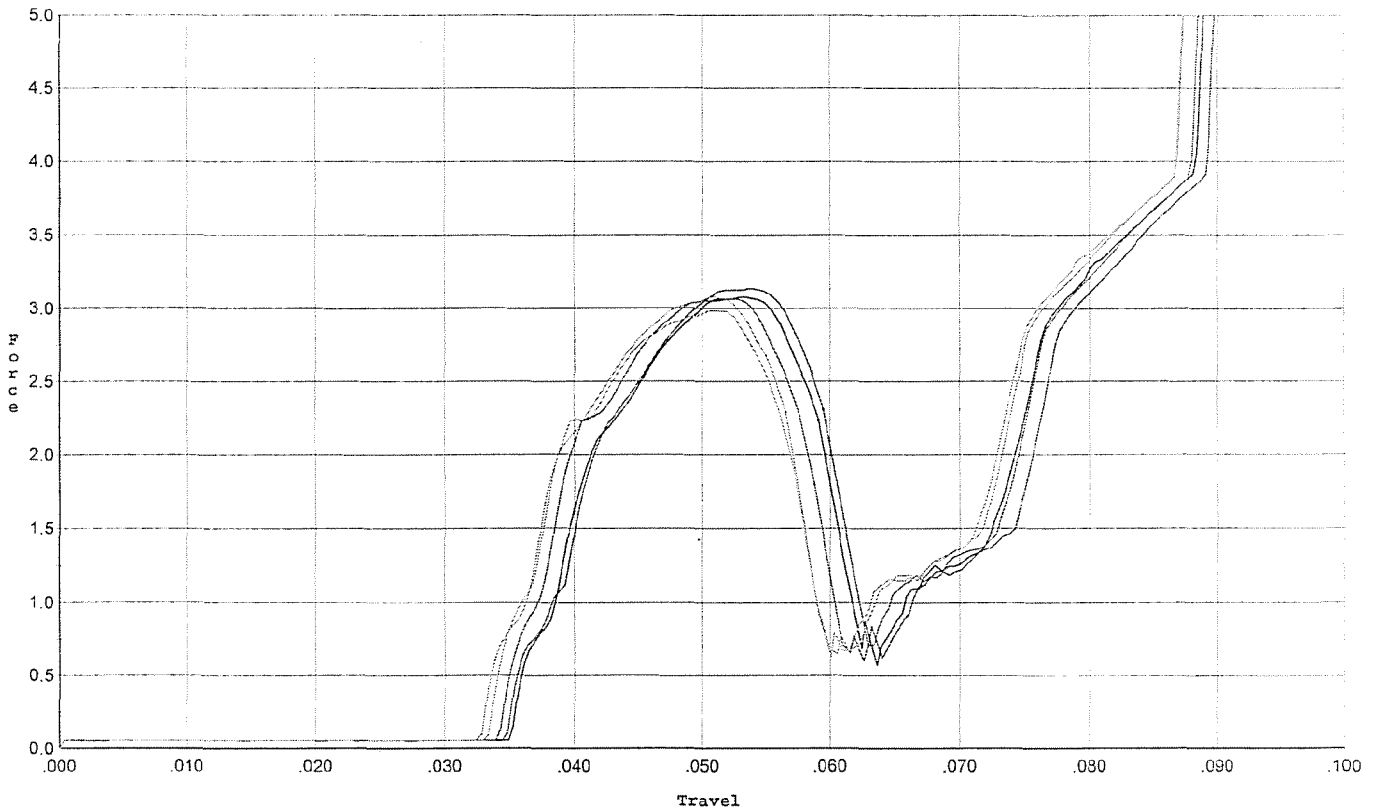
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.474	0.057	0.035	0.038	0.044		Set Trigger
2	2.472	0.057	0.035	0.038	0.046		Set Trigger
3	2.418	0.057	0.034	0.038	0.044		Set Trigger
4	2.421	0.057	0.035	0.037	0.044		Set Trigger
5	2.434	0.056	0.034	0.038	0.043		Set Trigger

Avg 2.44

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



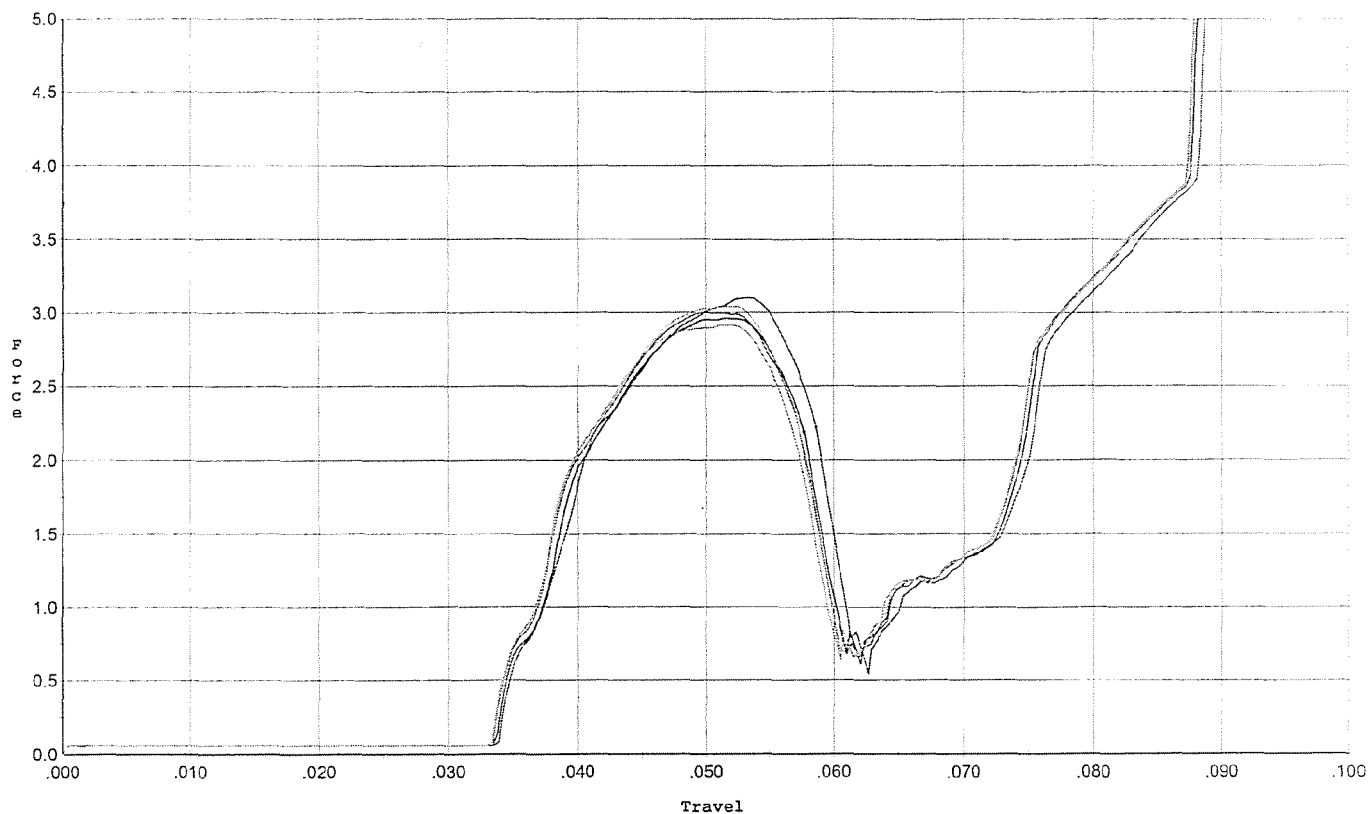
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.134	0.059	0.035	0.036	0.060		Set Trigger
2	3.079	0.059	0.035	0.036	0.058		Set Trigger
3	3.064	0.059	0.034	0.036	0.059		Set Trigger
4	2.986	0.057	0.034	0.036	0.056		Set Trigger
5	3.079	0.057	0.033	0.036	0.057		Set Trigger

Avg 3.06

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



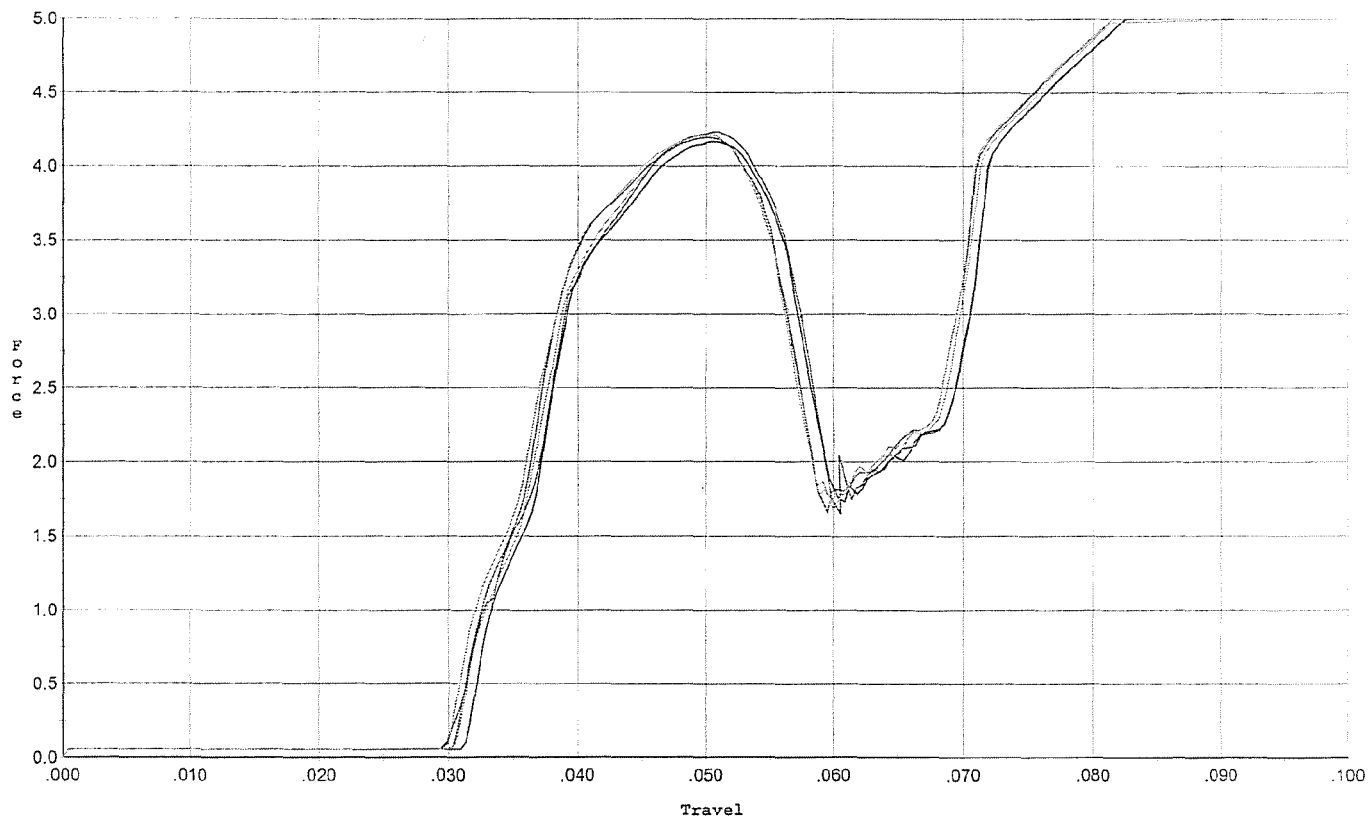
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.100	0.059	0.034	0.035	0.059		Set Trigger
2	2.962	0.058	0.034	0.036	0.056		Set Trigger
3	3.001	0.058	0.034	0.035	0.058		Set Trigger
4	3.041	0.059	0.034	0.036	0.059		Set Trigger
5	2.915	0.058	0.034	0.036	0.056		Set Trigger

Avg 3.00

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



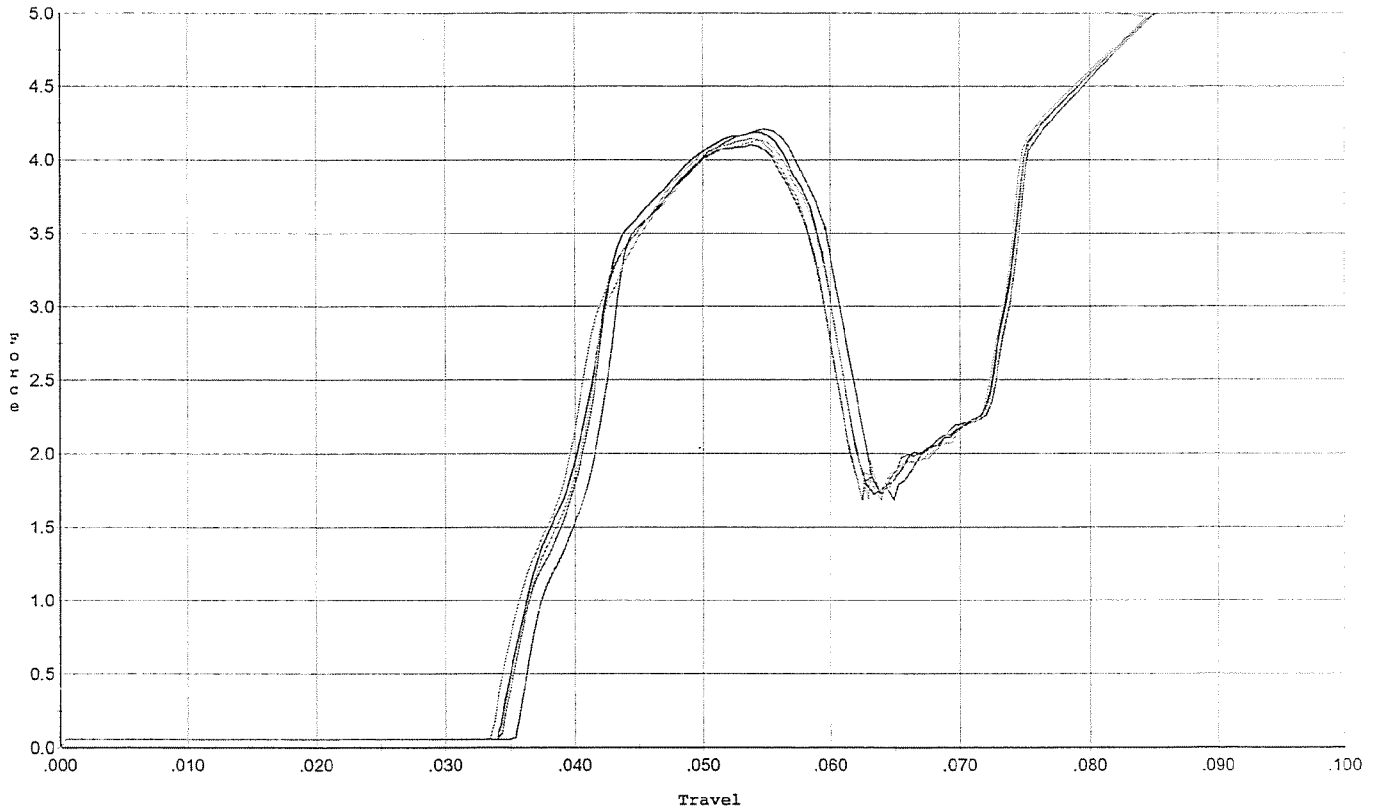
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.231	0.057	0.030	0.031	0.086		Set Trigger
2	4.166	0.056	0.032	0.032	0.081		Set Trigger
3	4.195	0.057	0.031	0.031	0.084		Set Trigger
4	4.225	0.056	0.031	0.031	0.082		Set Trigger
5	4.217	0.055	0.030	0.031	0.082		Set Trigger

Aug 4.20

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



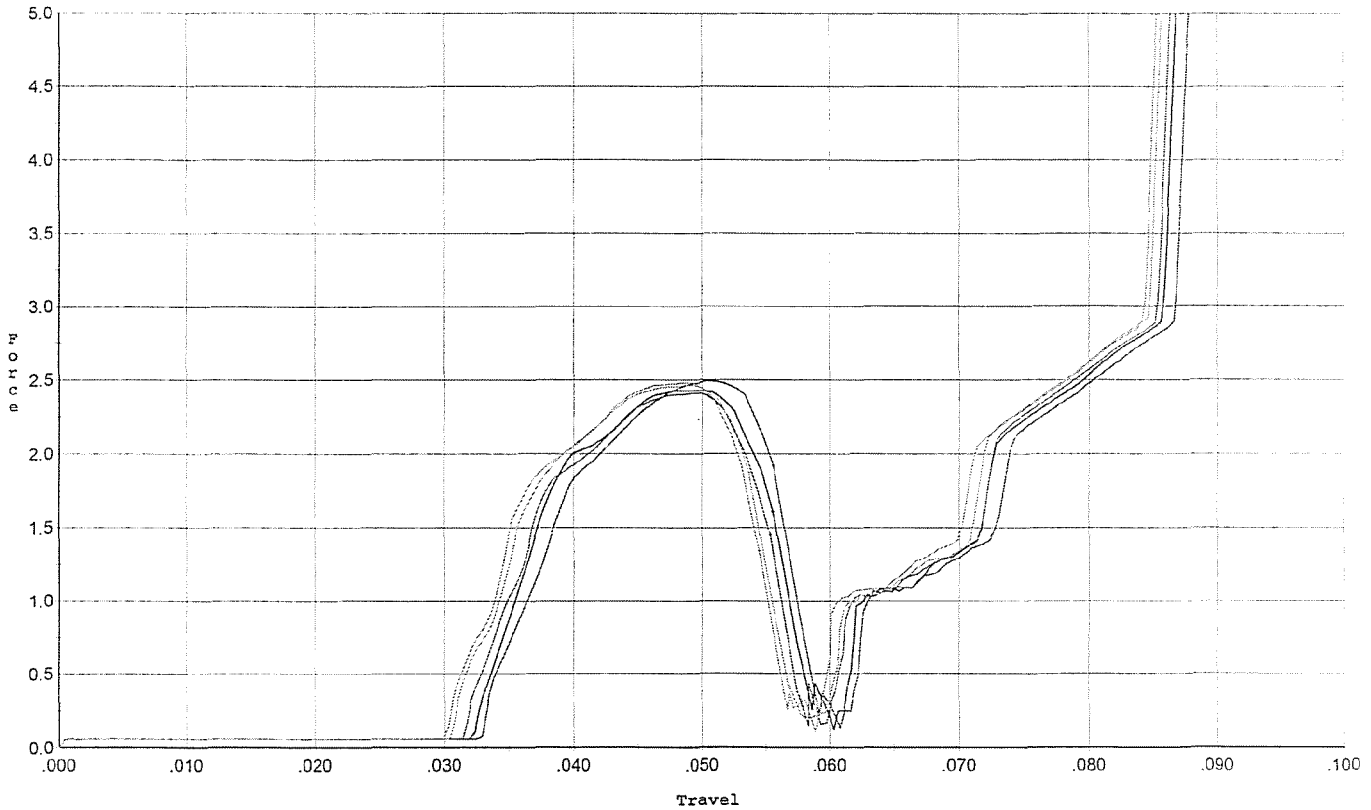
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.208	0.060	0.036	0.032	0.080		Set Trigger
2	4.189	0.059	0.034	0.032	0.083		Set Trigger
3	4.101	0.059	0.035	0.032	0.079		Set Trigger
4	4.133	0.060	0.034	0.032	0.081		Set Trigger
5	4.143	0.059	0.034	0.032	0.082		Set Trigger

Avg 4.15

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



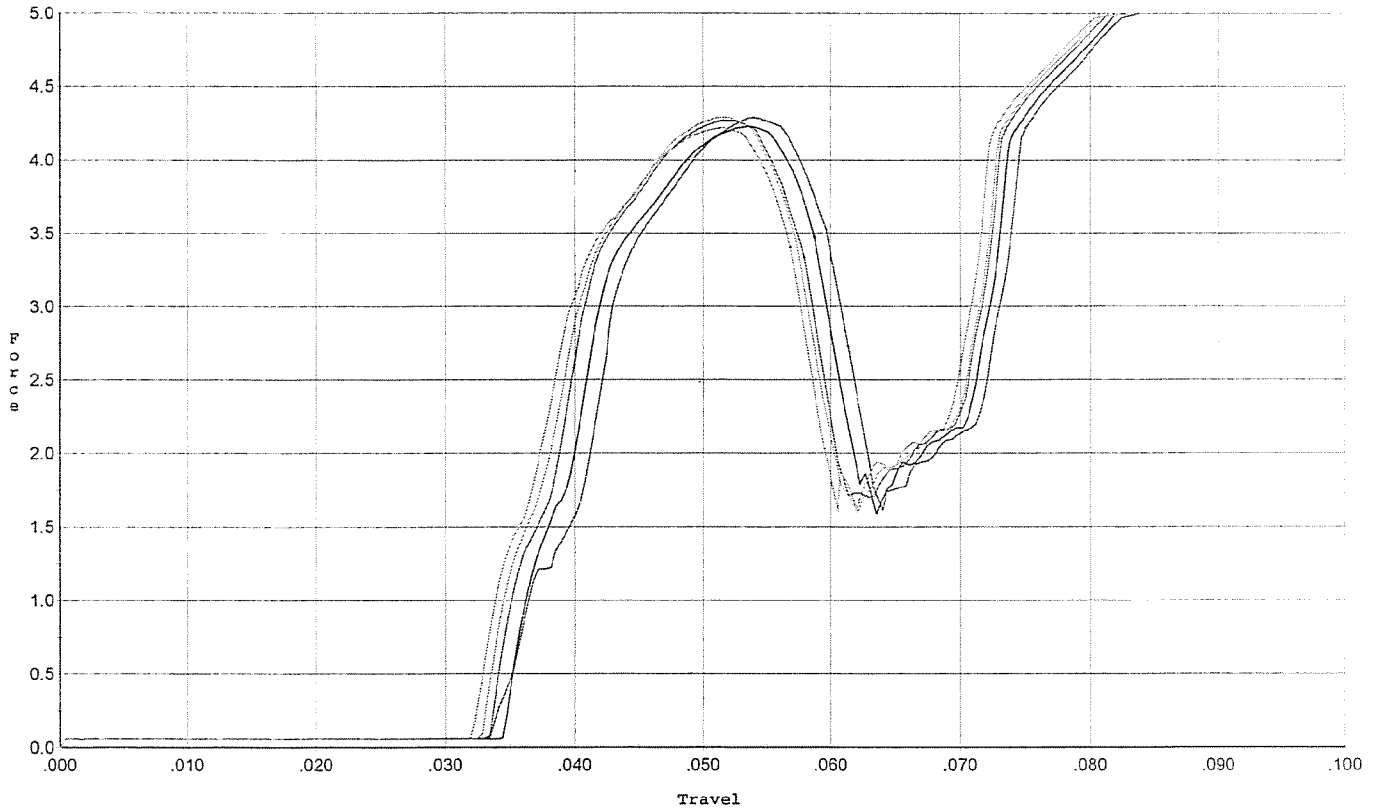
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.493	0.056	0.033	0.037	0.046		Set Trigger
2	2.430	0.056	0.033	0.037	0.046		Set Trigger
3	2.410	0.055	0.032	0.036	0.045		Set Trigger
4	2.464	0.054	0.031	0.036	0.046		Set Trigger
5	2.479	0.054	0.030	0.036	0.047		Set Trigger

AUG 2.45

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/04/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.290	0.061	0.034	0.031	0.086		Set Trigger
2	4.231	0.059	0.035	0.031	0.082		Set Trigger
3	4.271	0.058	0.034	0.031	0.083		Set Trigger
4	4.289	0.057	0.033	0.032	0.083		Set Trigger
5	4.223	0.057	0.032	0.032	0.082		Set Trigger

Avg 4.26

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	124487			
SERIAL NUMBER	06594630			
LOG-IN DATE	1-30-07			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	2-2-07	RTL	
505	RE-BARREL	2-7-07	RTL	
420	ASSEMBLE	2-7-07	RTL	
440	PROOF	2-7-07	Fm	
460	CHECK HEADSPACE	2-7-07	Fm	
470	DIS-ASSEMBLE GUN	2-7-07	RTL	
480	MAGNAFLUX	2-13-07	APC	
510	DRILL AND TAP	2-12-07	TRW	
500	ROLLMARK CALIBER	2-13-07	CW	
520	GOFF BLAST BBL / REC	2-13-07	LB	
530 & 540	APPLY COATINGS	2-15-07	WJ	
560	FINAL ASSEMBLY	2-23-07	RTL	
640	FUNCTION TEST AND	(PASS) FAIL	2/23/07	nom
650	TARGET	(PASS) FAIL	2/23/07	nom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		2-26-07	RTL
	A) HEADSPACE	(PASS) FAIL	2-26-07	RTL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	265 2.83 286 292 2.93 2-26-07	RTL
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.5 4.0 4.0 2-26-07	TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 2-26-07	TRW
	I) FIRING PIN INDENT	.020	.023 .023 .024 2-26-07	TRW
690	PACK		2-26-07	WJ

F006 REV 5/2006

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

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

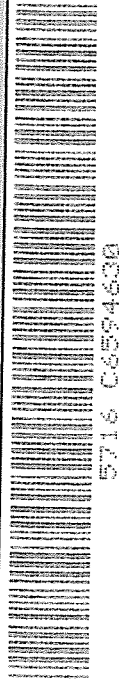
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700[™] M24

SERIAL NO. C6594630

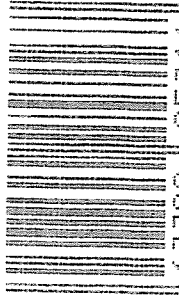
ORDER NO. 5716

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



5716 C6594630

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594630

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		"	KR
615	Rollmark Caliber		"	B.B.
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		LUB
620	Apply Coatings (Barrel Action)		1-22-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/23/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/23/91	KS
	C) Inspect Ejector Hole for Chamfer		1/23/91	KS
	D) Oil Firing Pin Ass'y		1/23/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1-24/91	98/

op. #	OP NAME BARBER - M24 0020682	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/24/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			1/24/91	WLB
	H) Trigger Pull Test & Retainability						1-24-91	JK
	I) Firing Pin Indent	.0205	.0205	.0205			1/24/91	WLB
	J) Assemble Stock						1/24/91	KS
	K) Assemble Swivel Studs						2-8-91	DH
	L) Attach Front and Rear Sight Assemblies						1/24/91	KS
	M) Iron Sight Alignment						1/24/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/24/91	KS
	O) Attach Scope to Rifle						1/24/91	KS
	P) Detach & Attach Scope 20 Times						1/24/91	KS
640	Gallery Target & Test						1/24/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						1/24/91	KJ
655	Final Inspection							
	A) Headspace						2-8-91	DH
	B) Trigger Pull	2.14	2.45	2.42	2.45	2.50	2-1-91	JK
	C) Function						2-8-91	DH
660	Pack						3-15-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594630

DATE 1-24-91

TESTER JEL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.28	2.22	2.16	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.34	2.27	2.45	
PULL #3	2.37	2.35	2.31	2.42	
PULL #4	2.22	2.47	2.27	2.45	
PULL #5	2.25	2.41	2.28	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.44		
PULL #2	3.22	3.44		
PULL #3	3.37	3.46		
PULL #4	3.48	3.46		
PULL #5	3.52	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.47	4.18		4.26
PULL #2	4.18	4.42		4.28
PULL #3	4.34	4.40		4.26
PULL #4	4.45	4.50		4.29
PULL #5	4.41	4.50		4.28
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594630
25 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.496924
1 TO	2	.50908
1 TO	3	.469665
1 TO	4	.654536
1 TO	5	.428057

400 <----POA
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0896
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .115321

THE AMR FOR THIS RIFLE IS: .9764

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594630

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 8

HS = 2.724

VS = 3.577

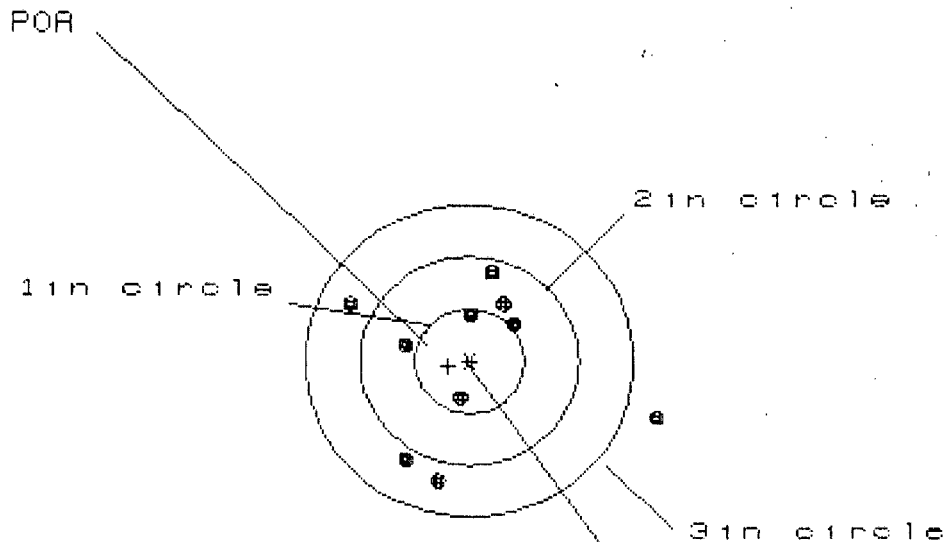
GS = 3.595

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.223	1.185	.993
MINIMUM X	-1.501	-1.539	-1.113
MAXIMUM Y	1.256	.998	.797
MINIMUM Y	-2.321	-1.614	-1.610
CENTROID X	.183	.221	.413
CENTROID Y	-.462	-.204	-.003
POA TO CENTROID in.	.497	.301	.413
MIN RADIUS	.353	.097	.187
MEAN RADIUS	1.250	1.038	.833
MAX RADIUS	2.345	2.230	1.662
HORIZONTAL SPREAD	2.724	2.724	2.106
VERTICAL SPREAD	3.577	2.612	2.407
EXTREME SPREAD	3.595	3.305	2.487
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594630

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.795

VS= 1.986

GS= 2.987

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.678	.584	.467
MINIMUM X	:	-1.117	-.930	-.554
MAXIMUM Y	:	.853	.797	.860
MINIMUM Y	:	-1.133	-1.189	-1.126
CENTROID X	:	.192	.005	.121
CENTROID Y	:	.047	.103	.040
POA TO CENTROID in.	:	.197	.103	.128
MIN RADIUS	:	.382	.398	.373
MEAN RADIUS	:	.872	.761	.716
MAX RADIUS	:	1.751	1.190	1.141
HORIZONTAL SPREAD	:	2.795	1.514	1.022
VERTICAL SPREAD	:	1.986	1.986	1.986
EXTREME SPREAD	:	2.987	2.038	2.038
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594630

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 9

HS= 2.498

VS= 2.898

GS= 2.984

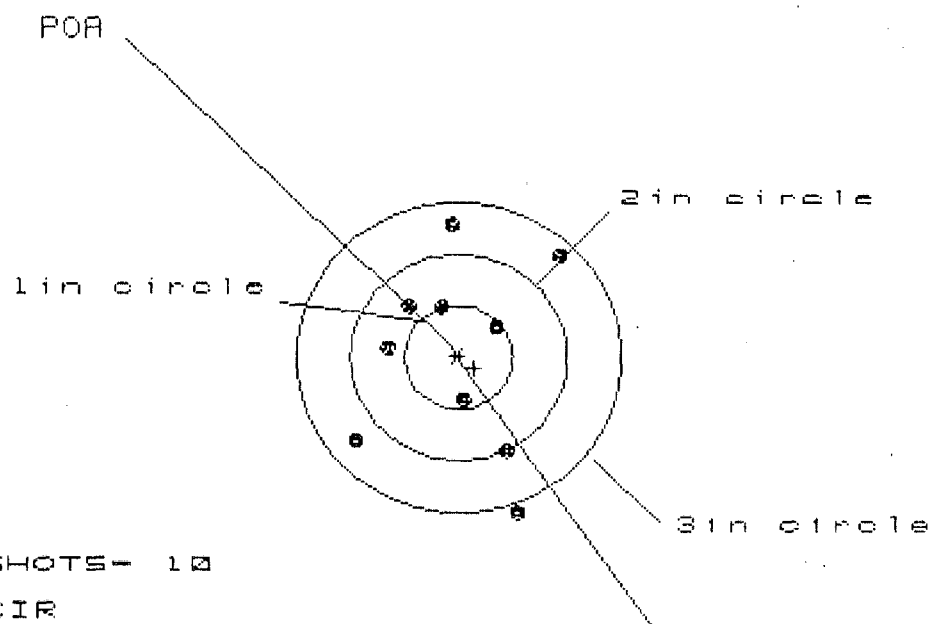
CENTROID #

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.150	1.137	.967
MINIMUM X	:	-1.348	-1.361	-.986
MAXIMUM Y	:	1.747	1.446	1.465
MINIMUM Y	:	-1.151	-.957	-.938
CENTROID X	:	.027	.040	.210
CENTROID Y	:	-.019	-.213	-.232
POA TO CENTROID in.	:	.033	.217	.313
MIN RADIUS	:	.299	.237	.303
MEAN RADIUS	:	.992	.881	.801
MAX RADIUS	:	1.751	1.470	1.528
HORIZONTAL SPREAD	:	2.498	2.498	1.953
VERTICAL SPREAD	:	2.898	2.403	2.403
EXTREME SPREAD	:	2.984	2.546	2.546
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594630

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

IS = 1.862

VS = 2.793

GS = 2.843

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.901	.958	.666
MINIMUM X	:	-.961	-.904	-.784
MAXIMUM Y	:	1.252	1.081	1.182
MINIMUM Y	:	-1.541	-1.073	-.972
CENTROID X	:	-.144	-.201	-.321
CENTROID Y	:	.105	.276	.175
POA TO CENTROID in.	:	.178	.342	.365
MIN RADIUS	:	.448	.399	.452
MEAN RADIUS	:	.926	.820	.760
MAX RADIUS	:	1.624	1.304	1.193
HORIZONTAL SPREAD	:	1.862	1.862	1.451
VERTICAL SPREAD	:	2.793	2.154	2.154
EXTREME SPREAD	:	2.843	2.555	2.230
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594630

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 2.632

VS= 1.992

GS= 2.657

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.376	1.083	.945
MINIMUM X	:	-1.256	-1.103	-.557
MAXIMUM Y	:	1.312	1.339	1.419
MINIMUM Y	:	-.680	-.653	-.573
CENTROID X	:	.190	.037	.175
CENTROID Y	:	-.034	-.061	-.141
POA TO CENTROID in.	:	.193	.072	.225
MIN RADIUS	:	.171	.271	.279
MEAN RADIUS	:	.842	.759	.687
MAX RADIUS	:	1.397	1.454	1.482
HORIZONTAL SPREAD	:	2.632	2.186	1.502
VERTICAL SPREAD	:	1.992	1.992	1.992
EXTREME SPREAD	:	2.657	2.538	2.059
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	