

G-66456-24
Reg laar
C.6498770

Repair Inquiry

Repair Number: RE00130275

Serial: C6498770 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Verify Repair

Status:

New 6/12/2007 2:37:05 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: HERNANDEZ, EZEKIEL

HERNANDEZ, EZEKIEL

Address 1: 10224 N RIVER RIDGE LOOP

10224 N RIVER RIDGE LOOP

Address 2:

PO Box:

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 315 772 6930

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/19/2007

7:44 AM

CAPS

NUM

INS

SCRL



Inbox - Micros...

Calendar - Mic...

Calendar - Mic...

Arms Services ...

7:44 AM

G 664 5624 (New)

Serial Number: ~~C6498770~~

Model: M24 SWS

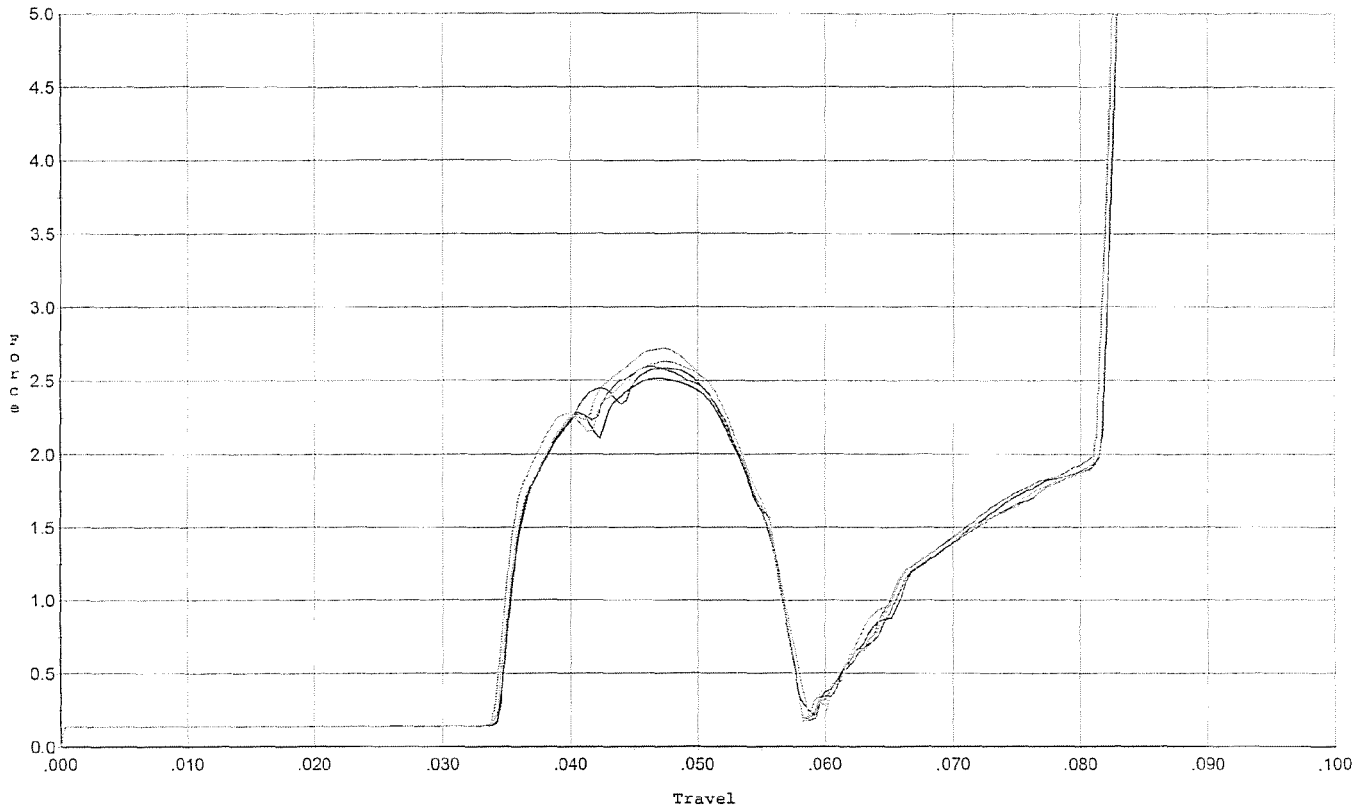


RE00130275

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/11/07

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



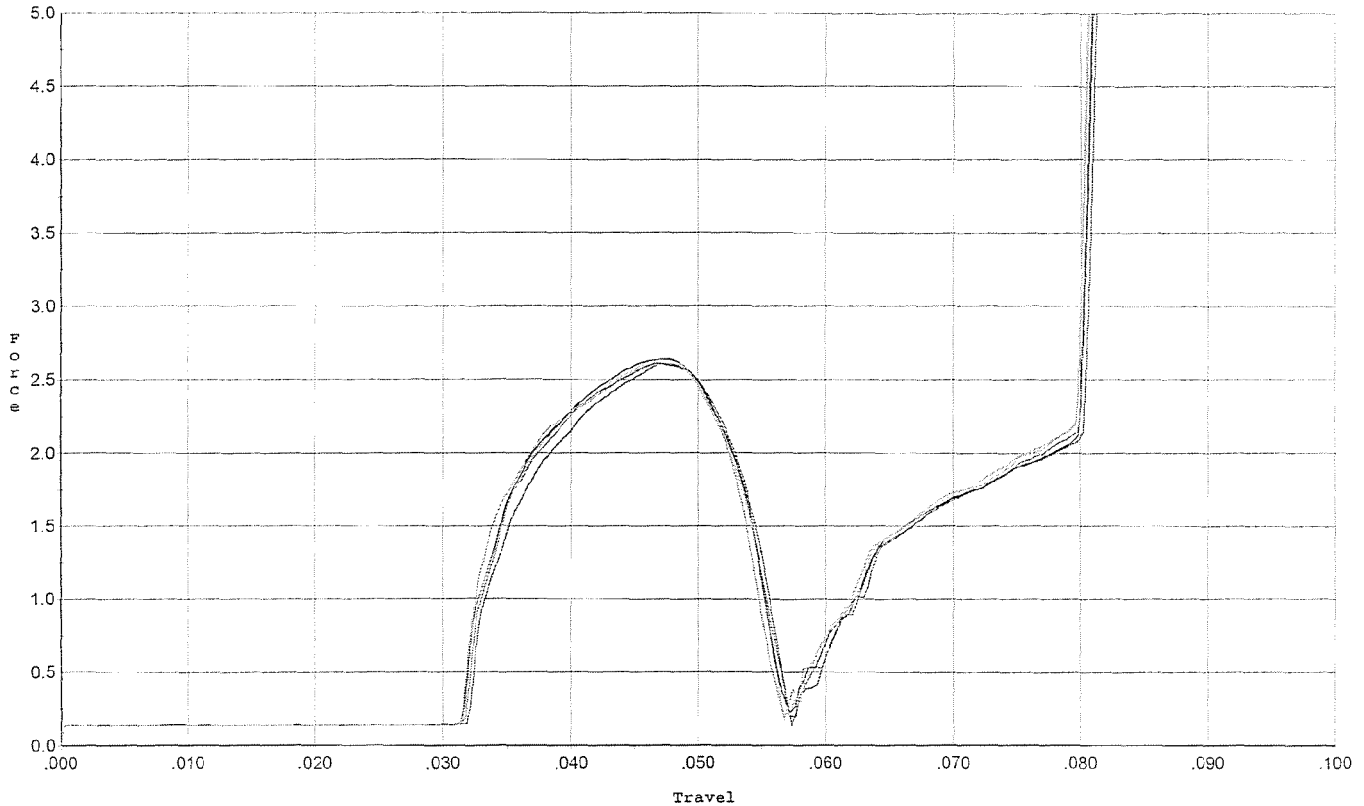
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.583	0.056	0.035	0.034	0.051		Set Trigger
2	2.515	0.056	0.034	0.034	0.050		Set Trigger
3	2.594	0.056	0.034	0.034	0.050		Set Trigger
4	2.628	0.056	0.034	0.034	0.051		Set Trigger
5	2.718	0.056	0.034	0.034	0.053		Set Trigger

AVG 2.60

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/11/07

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



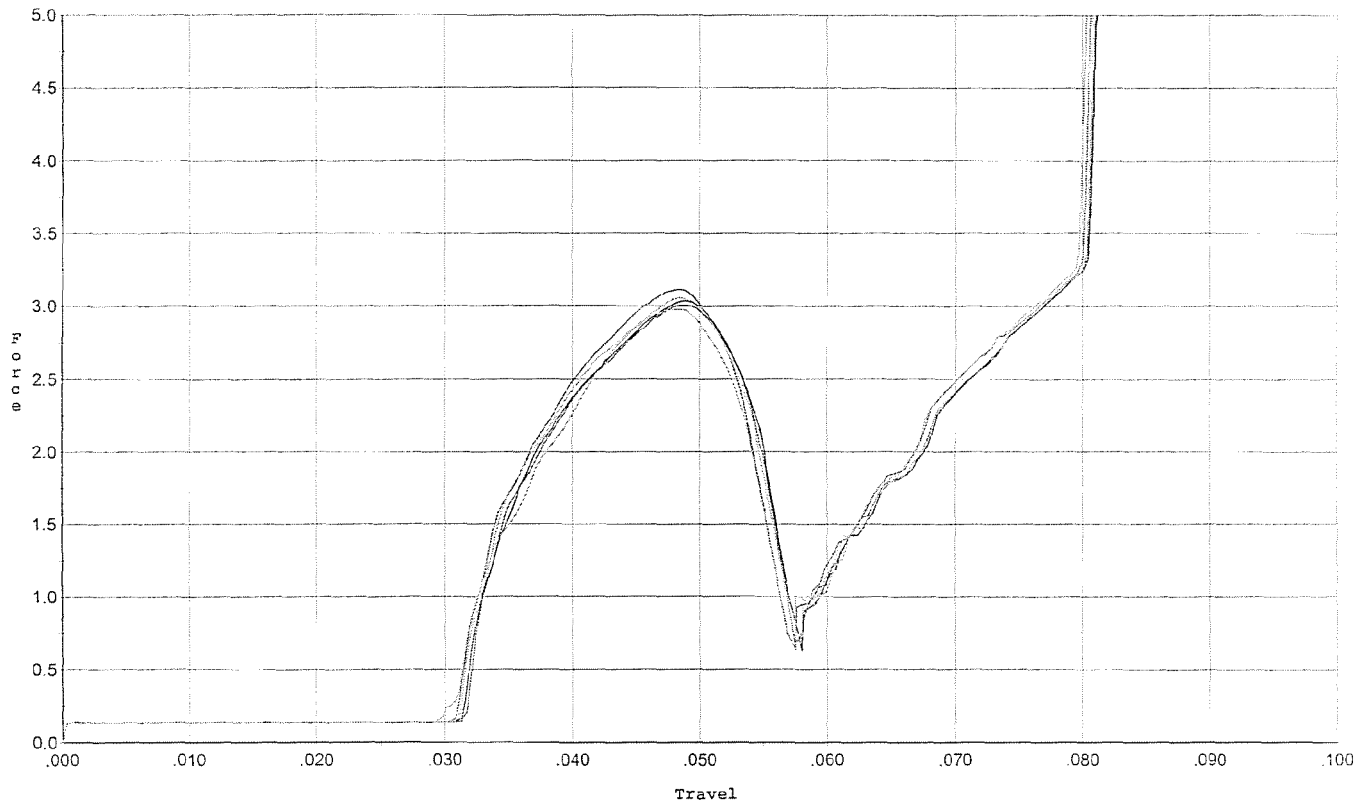
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.608	0.055	0.032	0.033	0.051		Set Trigger
2	2.637	0.054	0.032	0.033	0.052		Set Trigger
3	2.607	0.054	0.032	0.033	0.051		Set Trigger
4	2.612	0.054	0.032	0.033	0.052		Set Trigger
5	2.636	0.053	0.032	0.033	0.051		Set Trigger

Aug 2.62

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/11/07

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



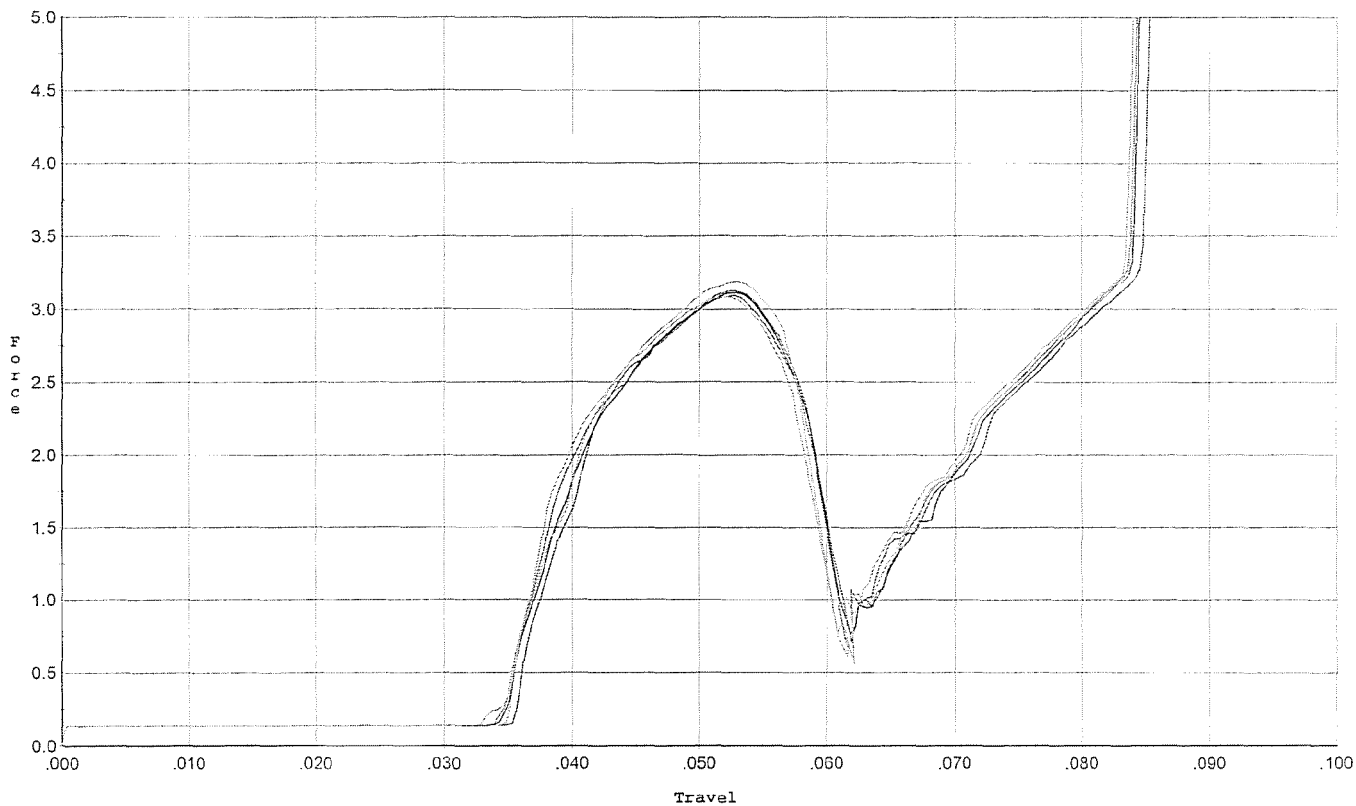
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.004	0.055	0.032	0.032	0.059		Set Trigger
2	3.036	0.055	0.032	0.032	0.059		Set Trigger
3	3.112	0.055	0.031	0.032	0.061		Set Trigger
4	3.057	0.056	0.031	0.032	0.061		Set Trigger
5	2.977	0.055	0.030	0.032	0.058		Set Trigger

AVG 3.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/11/07

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



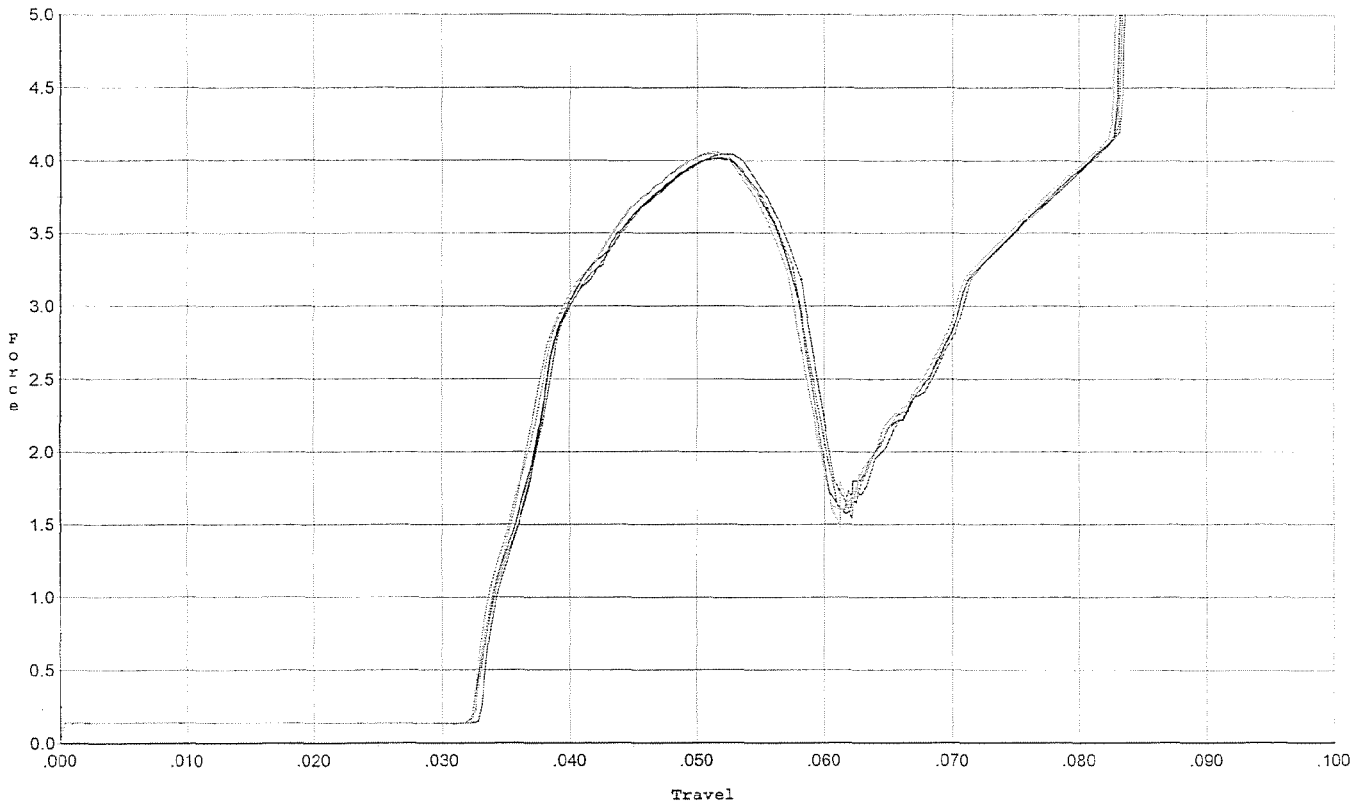
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.125	0.058	0.036	0.033	0.061		Set Trigger
2	3.112	0.059	0.035	0.032	0.062		Set Trigger
3	3.093	0.059	0.034	0.032	0.062		Set Trigger
4	3.185	0.058	0.035	0.032	0.063		Set Trigger
5	3.083	0.059	0.033	0.032	0.061		Set Trigger

Avg 3.12

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/11/07

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



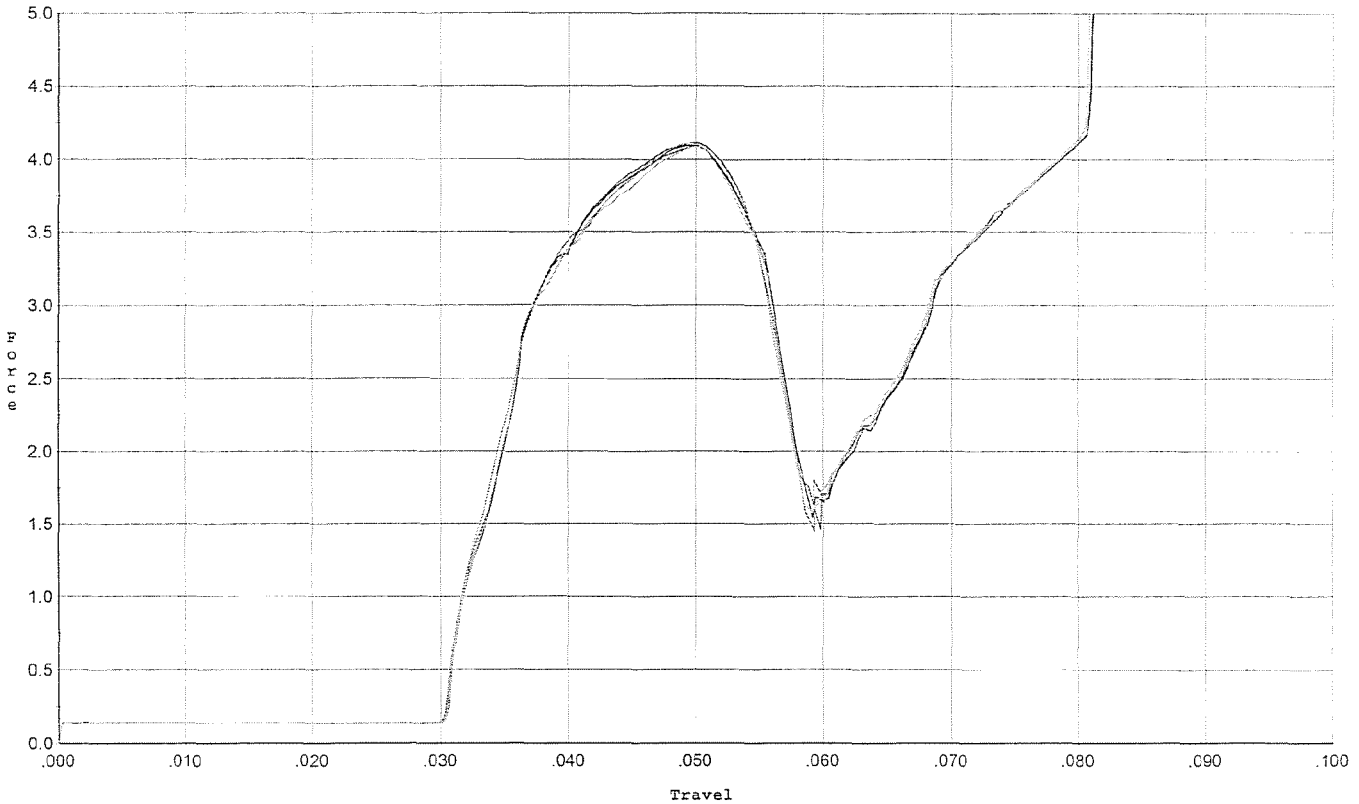
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.044	0.058	0.033	0.030	0.085		Set Trigger
2	4.014	0.058	0.033	0.030	0.084		Set Trigger
3	4.020	0.058	0.033	0.030	0.083		Set Trigger
4	4.060	0.058	0.033	0.030	0.085		Set Trigger
5	4.045	0.057	0.033	0.030	0.084		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/11/07

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



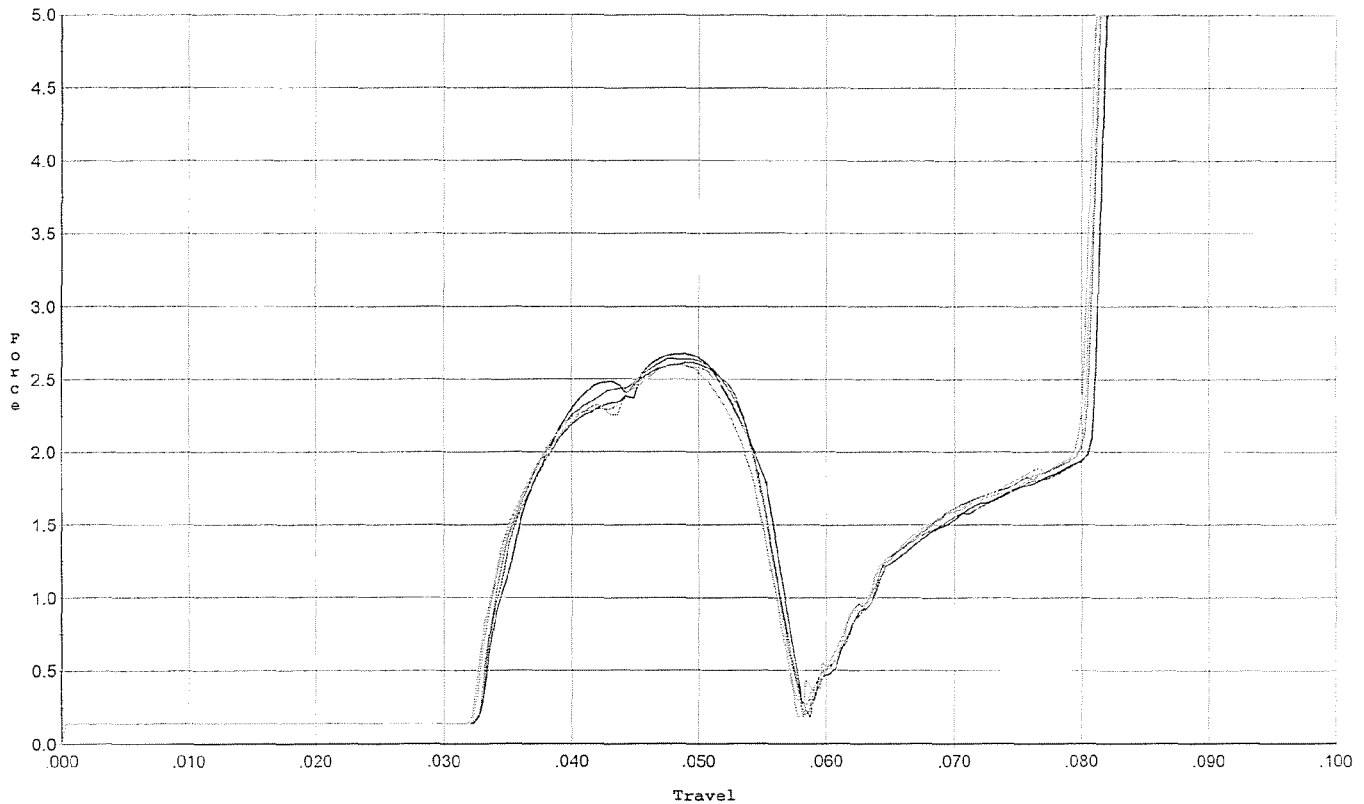
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.113	0.056	0.031	0.030	0.086		Set Trigger
2	4.095	0.055	0.031	0.030	0.085		Set Trigger
3	4.089	0.056	0.031	0.030	0.086		Set Trigger
4	4.085	0.055	0.031	0.031	0.083		Set Trigger
5	4.109	0.056	0.031	0.030	0.086		Set Trigger

Aug 4.09

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/11/07

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



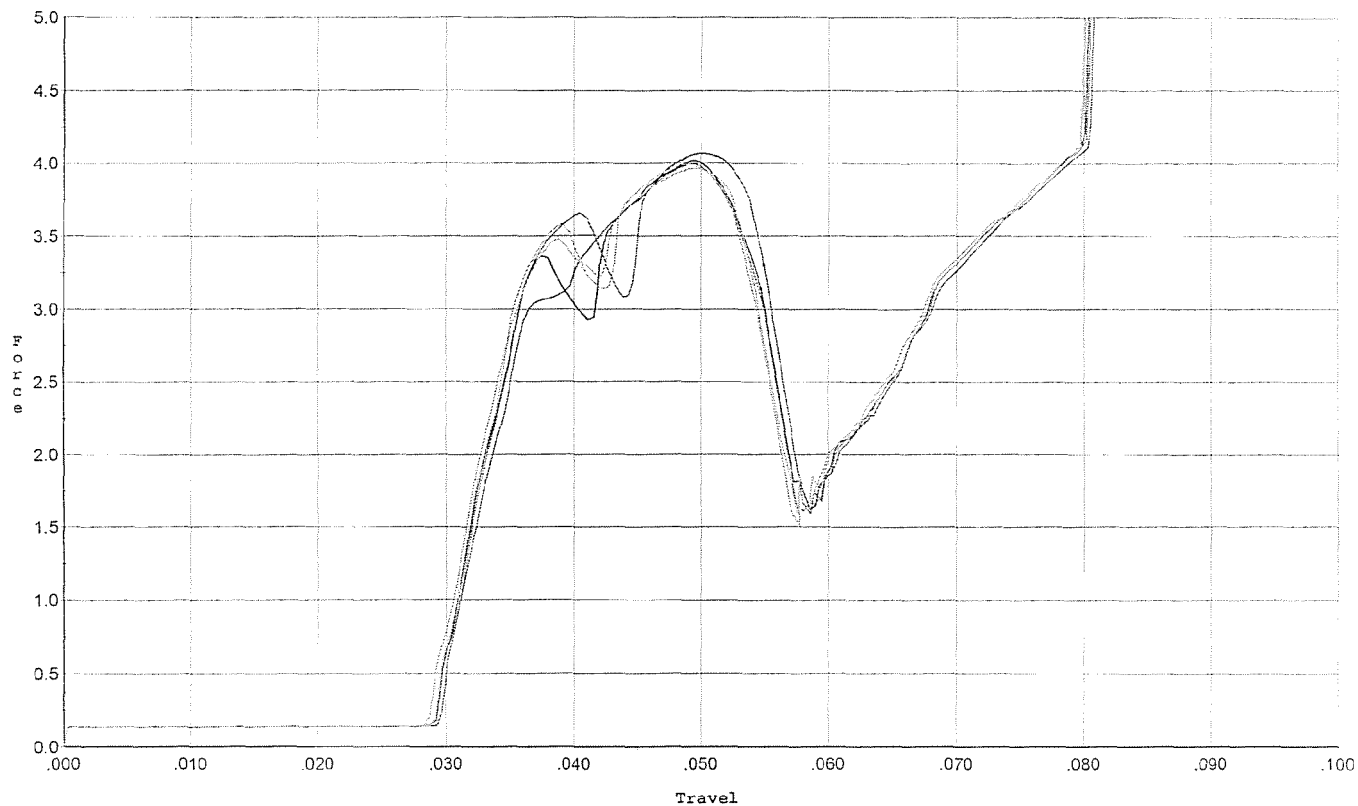
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.616	0.055	0.033	0.033	0.052		Set Trigger
2	2.678	0.055	0.033	0.033	0.053		Set Trigger
3	2.639	0.055	0.033	0.033	0.053		Set Trigger
4	2.602	0.055	0.033	0.033	0.052		Set Trigger
5	2.600	0.056	0.032	0.033	0.052		Set Trigger

AUG 2.62

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/11/07

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	4.068	0.055	0.030	0.030	0.085		Set Trigger
2	4.020	0.055	0.029	0.030	0.084		Set Trigger
3	4.000	0.055	0.029	0.030	0.084		Set Trigger
4	3.967	0.054	0.029	0.030	0.083		Set Trigger
5	3.996	0.055	0.029	0.030	0.084		Set Trigger

Avg 4.01

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

R & E NUMBER		130275		G6645624 (New)	
SERIAL NUMBER		C6498770			
LOG-IN DATE		6-12-07			
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		6-13-07	RTZ	
505	RE-BARREL		6-15-07	RTZ	
560	ASSEMBLE		6-18-07	RTZ	
600	PROOF		6-18-07	TRW	
605	CHECK HEADSPACE		6-18-07	TRW	
610	DIS-ASSEMBLE GUN		6-18-07	RTZ	
612	MAGNAFLUX	OPERATOR <i>umg</i>	6-19-07	umg	
510	DRILL AND TAP		6-18-07	SD	
615	ROLLMARK CALIBER		6-19-07	CW	
618	ROTO-BLAST		6-19-07	DG	
620	APPLY COATINGS		6-21-07	TS	
625	FINAL ASSEMBLY		6-25-07	RTZ	
640	FUNCTION TEST AND	(PASS) FAIL	6-25-07	TRW	
650	TARGET	(PASS) FAIL	6-25-07	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		6-25-07	Fm	
	A) HEADSPACE	(PASS) FAIL	6-26-07	RTZ	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	245 2.32 243 2.24 2.37	6-26-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	50 50 50		DA
	G) SAFETY OFF FORCE	2 LBS MIN	25 25 25	6-26-07	DA
	I) FIRING PIN INDENT	.020	.024 .023 .023	6-26-07	DA
690	PACK			6-26-07	DA

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645624.___0
FILE DATE AND TIME: 06/26/2007 09:57

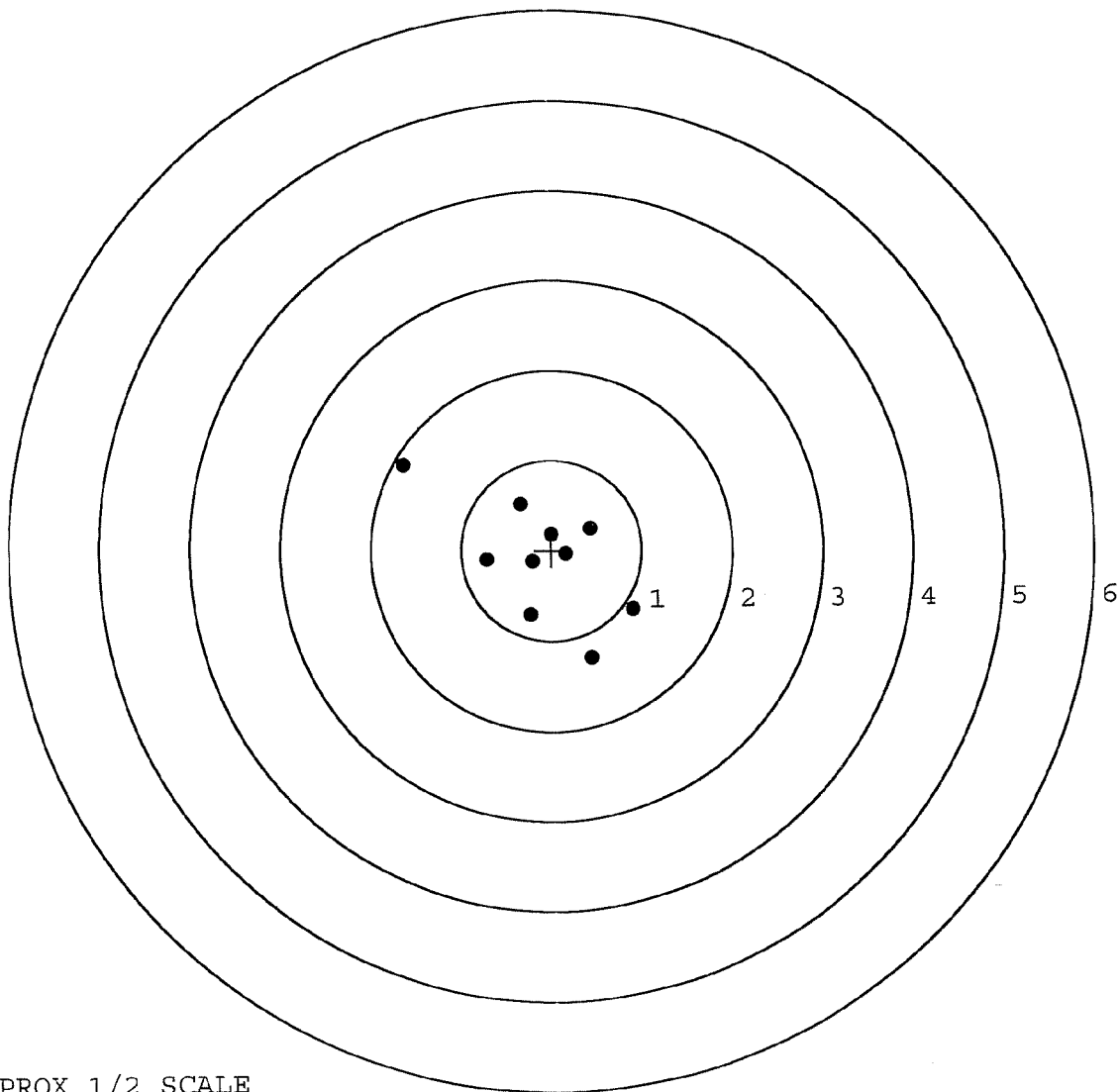
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.068
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.656
The Distance from POA to Centroid Target #1:	0.153
The Distance from Centroid Target #2 to Centroid Target #1:	0.207
The Distance from Centroid Target #3 to Centroid Target #1:	0.120
The Distance from Centroid Target #4 to Centroid Target #1:	0.082
The Distance from Centroid Target #5 to Centroid Target #1:	0.198

SERIAL NUMBER: G6645624. __0
 TARGET NUMBER: 1
 FILE DATE: 06/26/2007
 FILE TIME: 09:57

POINT#	X	Y
1:	0.899	-0.663
2:	0.434	-1.187
3:	-0.240	-0.719
4:	0.436	0.240
5:	0.165	-0.045
6:	-0.006	0.180
7:	-0.207	-0.133
8:	-0.714	-0.100
9:	-0.336	0.512
10:	-1.627	0.961

X CENTROID: -0.120
 Y CENTROID: -0.095
 POA TO CENTROID: 0.153
 HORZ SPREAD: 2.526
 VERT SPREAD: 2.148
 GROUP SPREAD: 3.003
 MIN RADIUS: 0.095
 MAX RADIUS: 1.841
 MEAN RADIUS: 0.744
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645624. __0

TARGET NUMBER: 2

FILE DATE: 06/26/2007

FILE TIME: 09:57

X CENTROID: -0.060

Y CENTROID: 0.102

POA TO CENTROID: 0.119

HORZ SPREAD: 1.672

VERT SPREAD: 2.997

GROUP SPREAD: 3.049

MIN RADIUS: 0.170

MAX RADIUS: 1.582

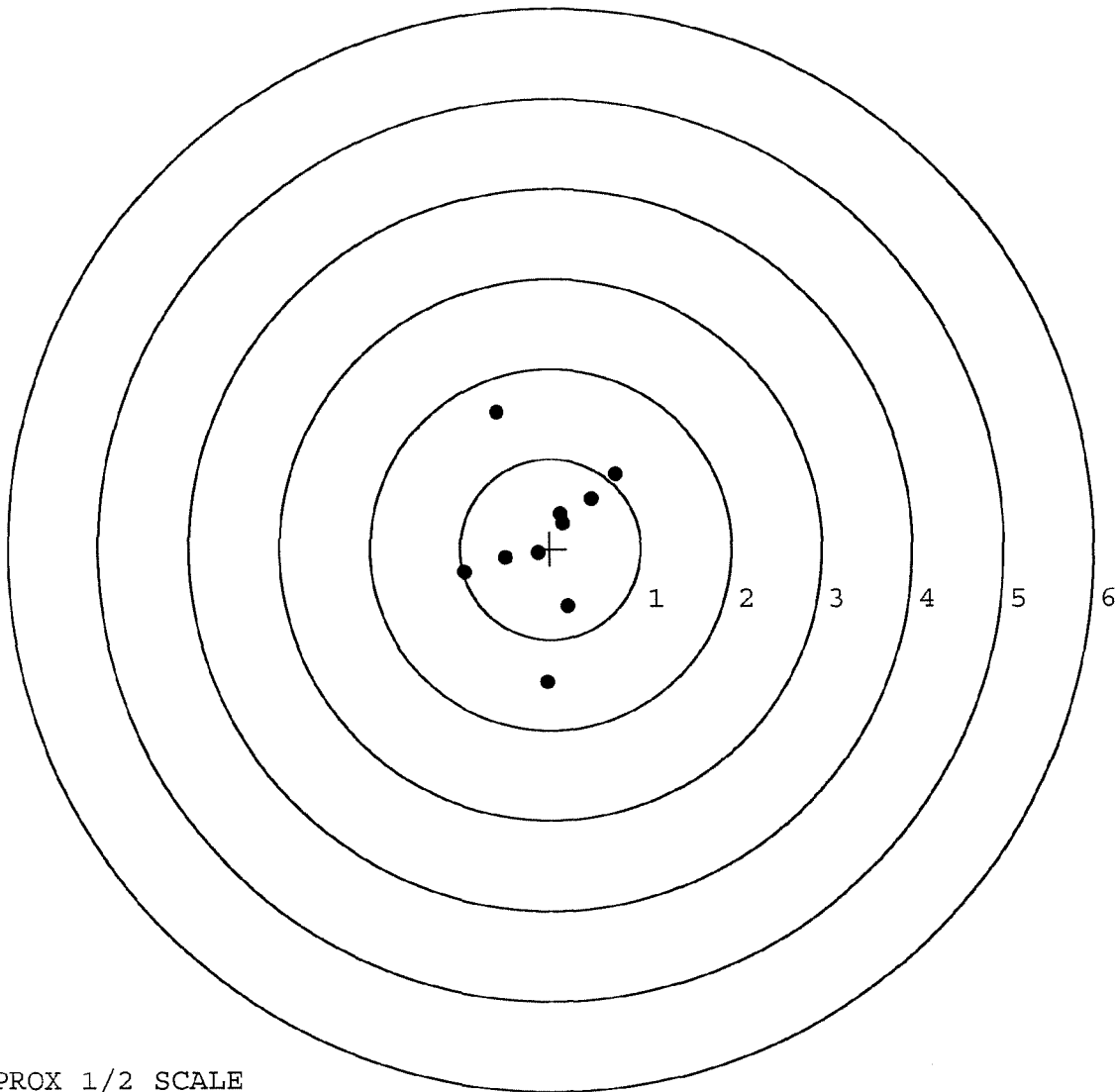
MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.037	-1.479
2:	0.196	-0.643
3:	-0.598	1.518
4:	-0.950	-0.264
5:	-0.495	-0.104
6:	-0.139	-0.048
7:	0.138	0.274
8:	0.109	0.381
9:	0.455	0.557
10:	0.722	0.833

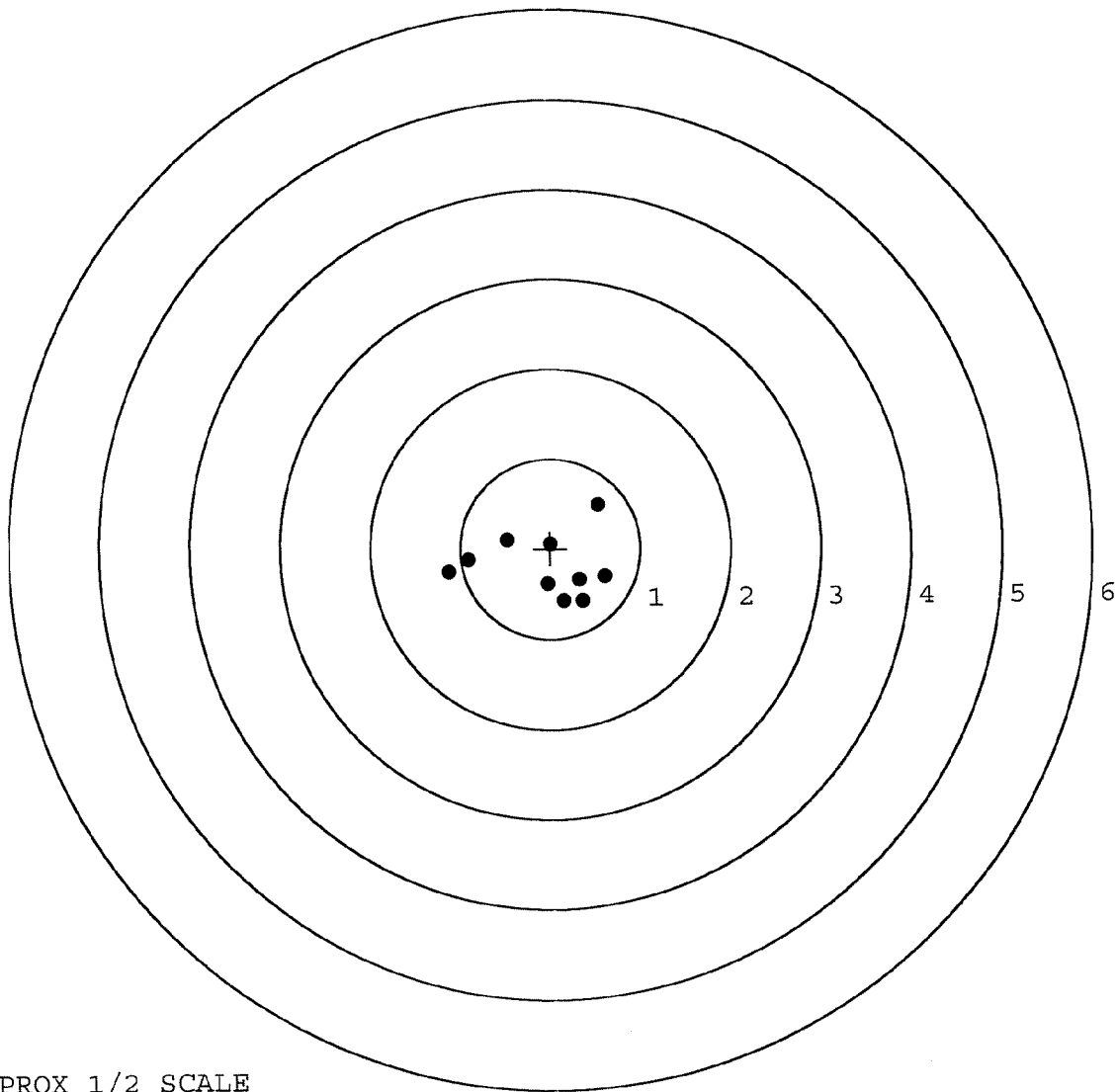


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645624. __0
 TARGET NUMBER: 3
 FILE DATE: 06/26/2007
 FILE TIME: 09:57

POINT#	X	Y
1:	0.538	0.481
2:	-0.001	0.047
3:	-0.478	0.098
4:	-0.911	-0.122
5:	-1.133	-0.254
6:	-0.034	-0.400
7:	0.603	-0.320
8:	0.358	-0.583
9:	0.151	-0.585
10:	0.326	-0.348

X CENTROID: -0.058
 Y CENTROID: -0.199
 POA TO CENTROID: 0.207
 HORZ SPREAD: 1.736
 VERT SPREAD: 1.066
 GROUP SPREAD: 1.826
 MIN RADIUS: 0.203
 MAX RADIUS: 1.076
 MEAN RADIUS: 0.590
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0172612

SERIAL NUMBER: G6645624. __ 0

TARGET NUMBER: 4

FILE DATE: 06/26/2007

FILE TIME: 09:57

X CENTROID: -0.157

Y CENTROID: -0.022

POA TO CENTROID: 0.159

HORZ SPREAD: 1.832

VERT SPREAD: 1.960

GROUP SPREAD: 2.541

MIN RADIUS: 0.130

MAX RADIUS: 1.373

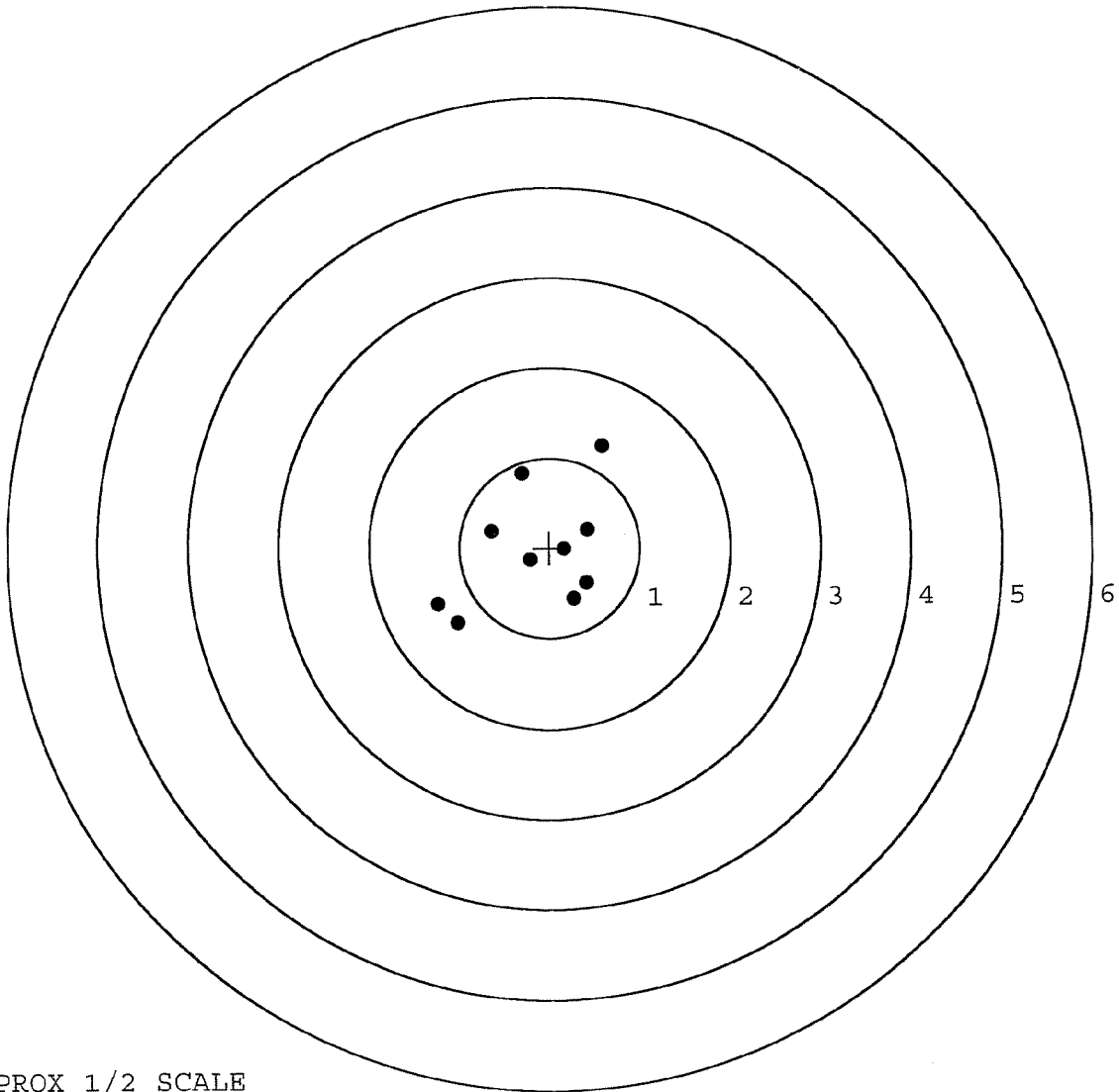
MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.241	-0.621
2:	-1.026	-0.831
3:	0.270	-0.567
4:	0.407	-0.399
5:	-0.214	-0.139
6:	0.166	-0.015
7:	0.422	0.200
8:	0.591	1.129
9:	-0.301	0.829
10:	-0.645	0.192



TARGET APPROX 1/2 SCALE

BARBER - M24 0172613

SERIAL NUMBER: G6645624. __0

TARGET NUMBER: 5

FILE DATE: 06/26/2007

FILE TIME: 09:57

X CENTROID: 0.054

Y CENTROID: -0.001

POA TO CENTROID: 0.054

HORZ SPREAD: 1.179

VERT SPREAD: 1.165

GROUP SPREAD: 1.351

MIN RADIUS: 0.019

MAX RADIUS: 0.774

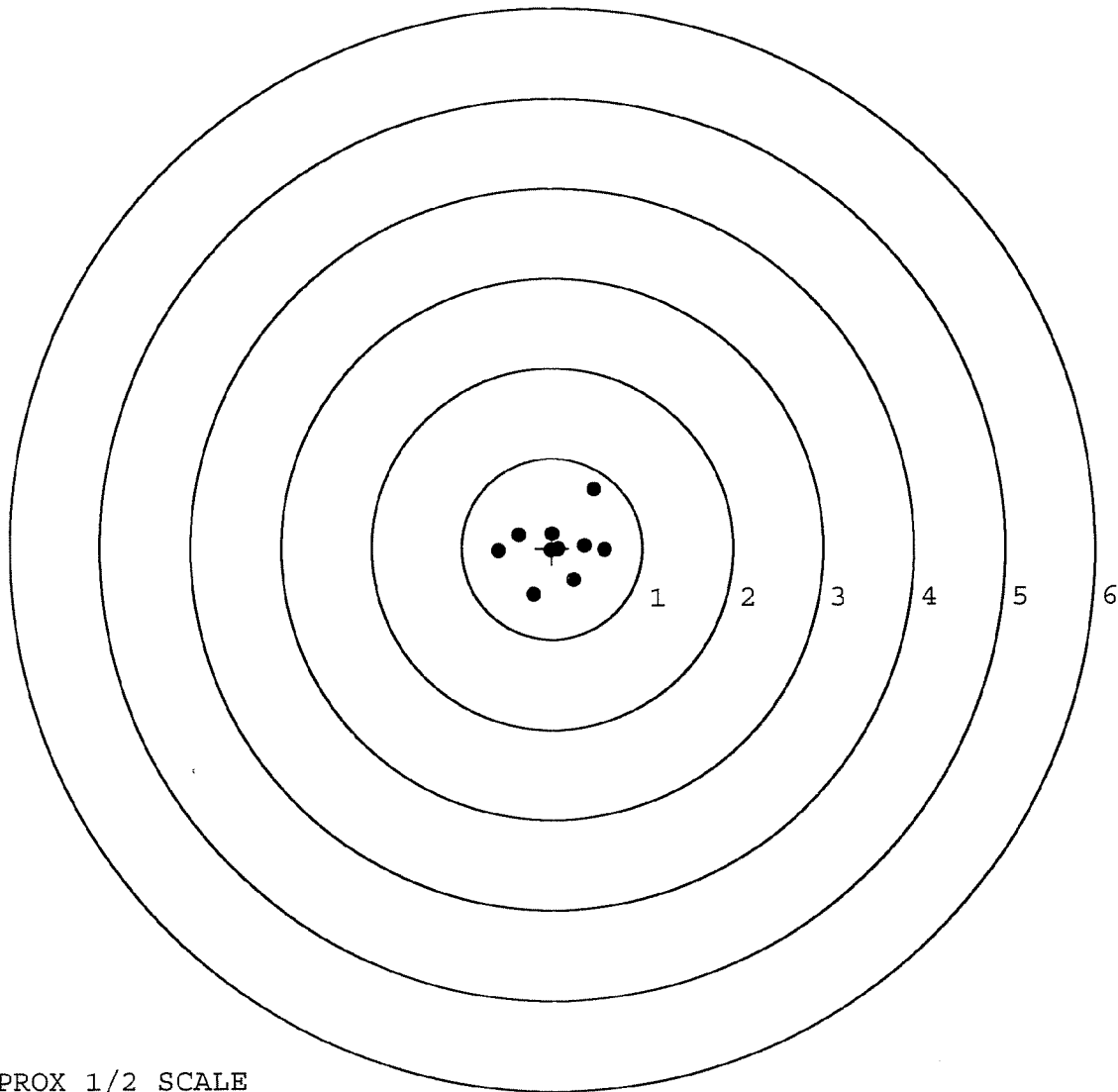
MEAN RADIUS: 0.396

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.473	0.649
2:	-0.211	-0.516
3:	0.245	-0.354
4:	0.583	-0.033
5:	-0.596	-0.039
6:	-0.372	0.146
7:	0.002	0.158
8:	-0.017	-0.033
9:	0.366	0.025
10:	0.067	-0.015



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System
BARBER - M24 0172614

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

Repair Inquiry

Repair Number: **RE00062686** Serial: C6498770 Model 700 Center Fire Caliber: Repairman:
 Verify Repair 308 SWS CAMO Status: New 3/6/2003 12:03:27 PM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **SFC TIMOTHY RADER** **SFC TIMOTHY RADER**
 Address 1: **HHC 2/22IN** **HHC 2/22IN**
 Address 2: PO Box: PO Box:
 City: **FORT DRUM** **FORT DRUM**
 State: **NY** Zip Code: **13602** Country: **US** State: **NY** Zip Code: **13602** Country: **US**
 FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information Received Condition Accessories Received

Phone: **315 772 3393** Fair
 Fax:
 Email:
 Comments: Condition Notes:
 CSR Notes:

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
B000	FRONT AND REAR B.	1
B100	DEPLOYMENT KIT	1

Repair Search Refresh Close

negleij 3/6/2003 12:39 PM CAPS NUM INS SCFL

start 3 Microsoft Office My Explorer Part Search by... Create Product Arms Services... 12/39 PM

Serial Number: **C6498770**
 Model: **700**

RE00062686

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498770.___0
FILE DATE AND TIME: 03/22/2003 10:49

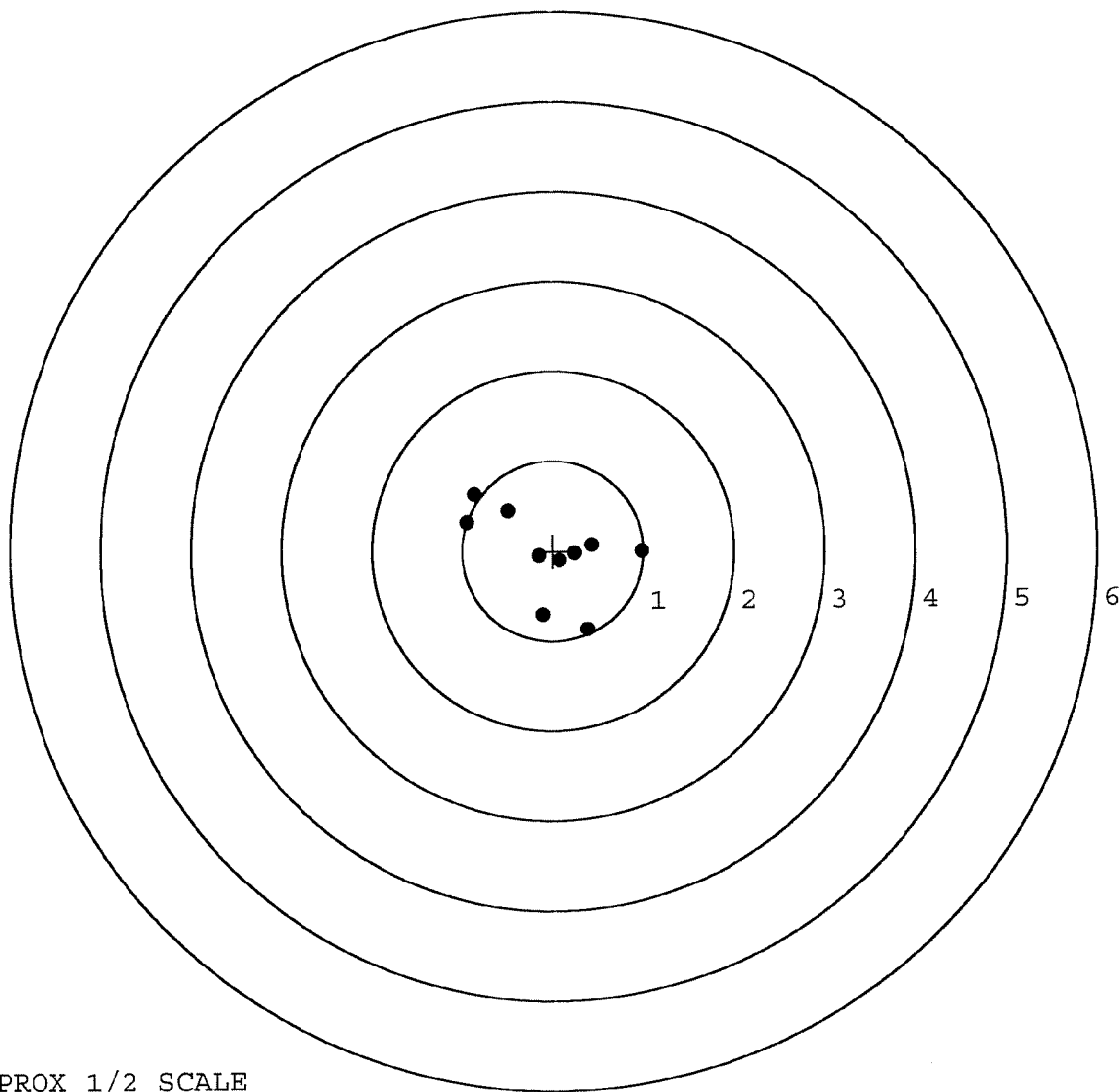
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.562
The Distance from POA to Centroid Target #1:	0.054
The Distance from Centroid Target #2 to Centroid Target #1:	0.185
The Distance from Centroid Target #3 to Centroid Target #1:	0.051
The Distance from Centroid Target #4 to Centroid Target #1:	0.106
The Distance from Centroid Target #5 to Centroid Target #1:	0.125

SERIAL NUMBER: C6498770. __0
 TARGET NUMBER: 1
 FILE DATE: 03/22/2003
 FILE TIME: 10:49

X CENTROID: -0.044
 Y CENTROID: -0.032
 POA TO CENTROID: 0.054
 HORZ SPREAD: 1.939
 VERT SPREAD: 1.510
 GROUP SPREAD: 1.965
 MIN RADIUS: 0.115
 MAX RADIUS: 1.056
 MEAN RADIUS: 0.639
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.393	-0.877
2:	0.986	-0.010
3:	-0.115	-0.711
4:	-0.953	0.324
5:	-0.491	0.447
6:	-0.864	0.633
7:	0.435	0.070
8:	0.253	-0.027
9:	0.074	-0.108
10:	-0.156	-0.059



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498770. __0

TARGET NUMBER: 2

FILE DATE: 03/22/2003

FILE TIME: 10:49

POINT#	X	Y
1:	0.772	-0.691
2:	-0.857	-0.076
3:	-1.029	-0.958
4:	-0.112	0.342
5:	-0.455	0.025
6:	0.099	0.191
7:	0.132	-0.298
8:	-0.064	-0.151
9:	0.300	-0.372
10:	0.052	-0.030

X CENTROID: -0.116

Y CENTROID: -0.202

POA TO CENTROID: 0.233

HORZ SPREAD: 1.801

VERT SPREAD: 1.300

GROUP SPREAD: 1.821

MIN RADIUS: 0.073

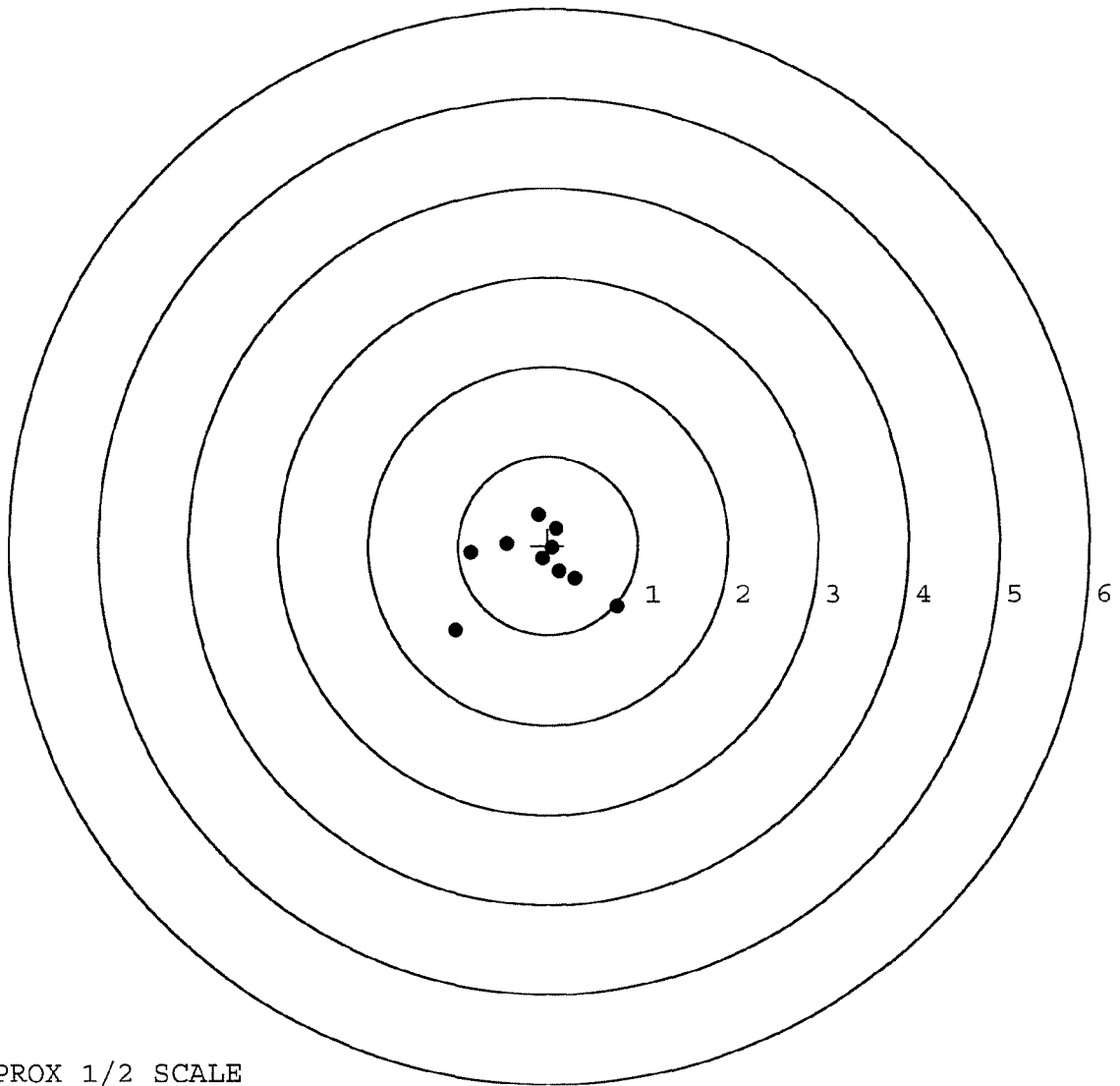
MAX RADIUS: 1.185

MEAN RADIUS: 0.538

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498770. 0

TARGET NUMBER: 3

FILE DATE: 03/22/2003

FILE TIME: 10:49

X CENTROID: -0.085

Y CENTROID: -0.062

POA TO CENTROID: 0.105

HORZ SPREAD: 2.039

VERT SPREAD: 0.978

GROUP SPREAD: 2.106

MIN RADIUS: 0.043

MAX RADIUS: 1.240

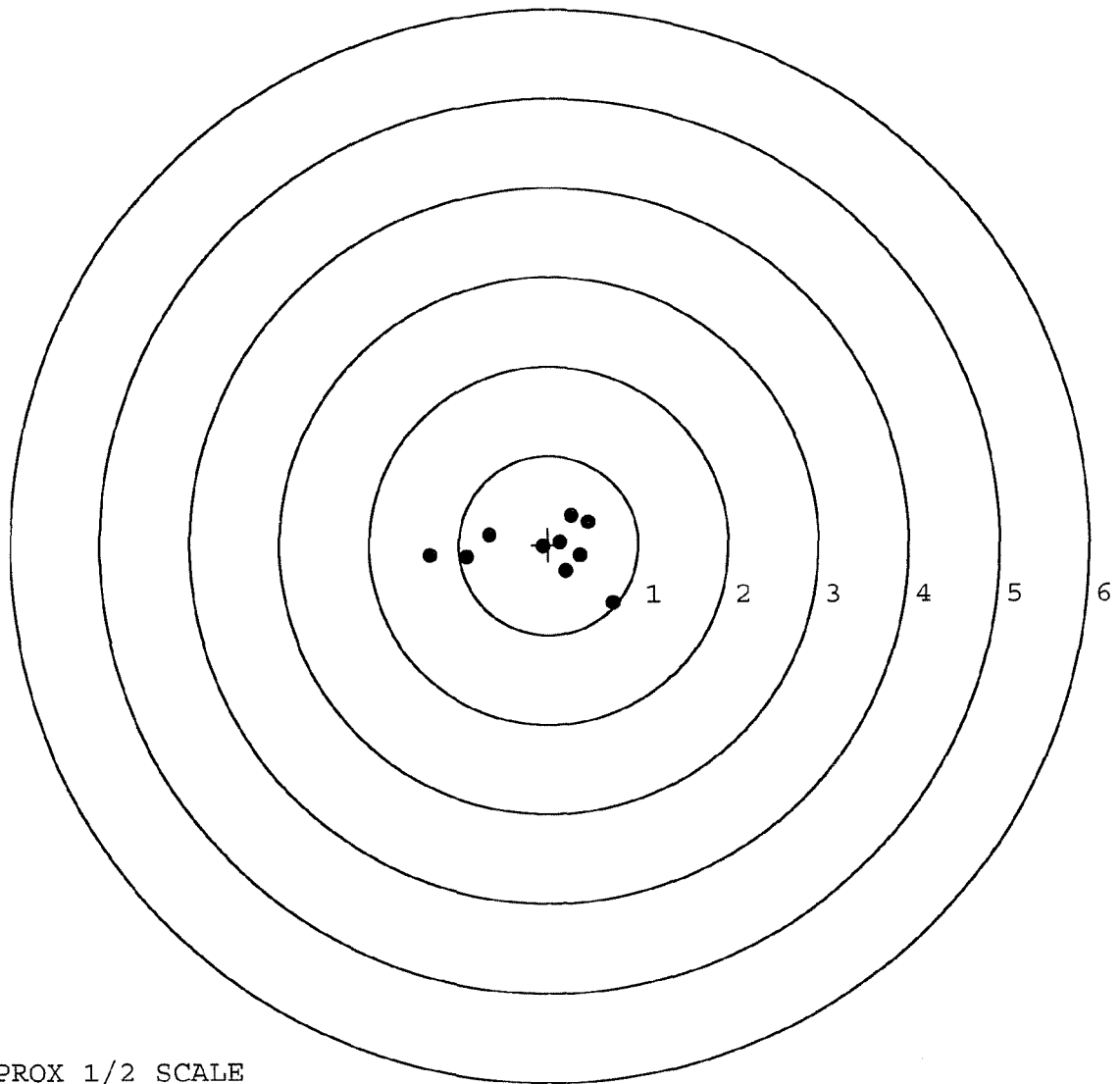
MEAN RADIUS: 0.590

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.716	-0.650
2:	-1.323	-0.124
3:	-0.911	-0.139
4:	-0.664	0.107
5:	0.257	0.328
6:	0.446	0.256
7:	-0.065	-0.024
8:	0.199	-0.289
9:	0.358	-0.117
10:	0.139	0.030



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498770. 0

TARGET NUMBER: 4

FILE DATE: 03/22/2003

FILE TIME: 10:49

X CENTROID: -0.029

Y CENTROID: 0.073

POA TO CENTROID: 0.078

HORZ SPREAD: 1.452

VERT SPREAD: 1.195

GROUP SPREAD: 1.532

MIN RADIUS: 0.089

MAX RADIUS: 0.944

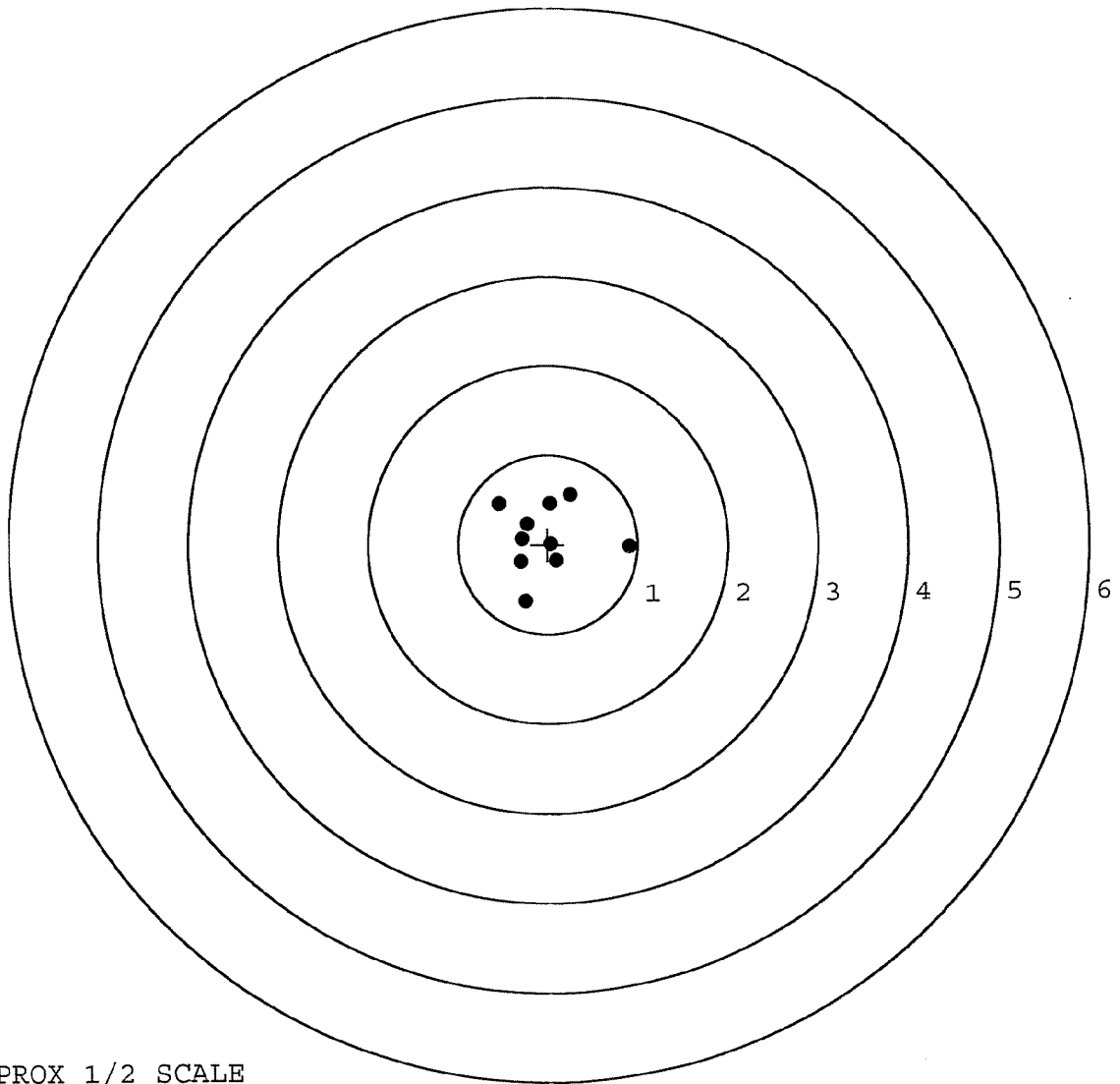
MEAN RADIUS: 0.457

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.910	-0.031
2:	0.255	0.556
3:	0.029	0.458
4:	-0.542	0.458
5:	-0.251	-0.639
6:	0.098	-0.185
7:	-0.300	-0.200
8:	-0.293	0.064
9:	0.038	0.013
10:	-0.230	0.233



TARGET APPROX 1/2 SCALE

BARBER - M24 0172620

SERIAL NUMBER: C6498770. __0

TARGET NUMBER: 5

FILE DATE: 03/22/2003

FILE TIME: 10:49

POINT#	X	Y
1:	0.637	-0.157
2:	0.020	-1.036
3:	0.071	-0.486
4:	0.188	-0.259
5:	-0.085	0.090
6:	-0.665	0.237
7:	-0.098	0.767
8:	-0.122	0.605
9:	-0.402	0.445
10:	-0.408	0.648

X CENTROID: -0.086

Y CENTROID: 0.085

POA TO CENTROID: 0.121

HORZ SPREAD: 1.302

VERT SPREAD: 1.803

GROUP SPREAD: 1.807

MIN RADIUS: 0.005

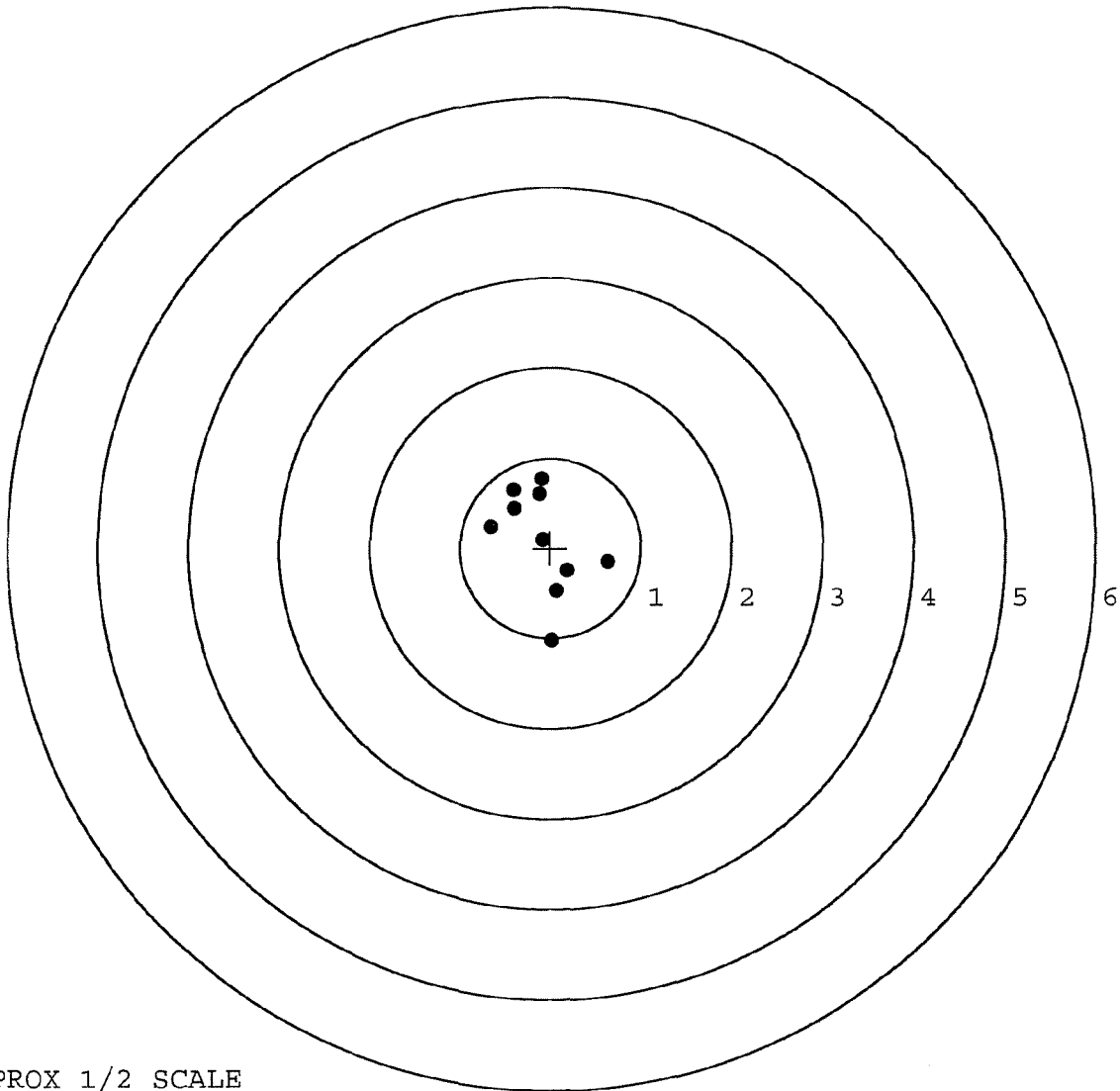
MAX RADIUS: 1.126

MEAN RADIUS: 0.585

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.36		2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.46	2.43		2.46	
PULL #3	2.52	2.48		2.48	
PULL #4	2.50	2.50		2.50	
PULL #5	2.52	2.50		2.50	
TOTAL	12.55	12.27		12.30	
AVG.	2.51	2.45		2.46	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.26		
PULL #2	3.36	3.23		
PULL #3	3.37	3.29		
PULL #4	3.41	3.26		
PULL #5	3.28	3.18		
TOTAL	16.64	16.22		
AVG.	3.32	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# IF TARGET & ACCUR.
PULL #1	4.45	4.16		4.26
PULL #2	4.33	4.15		4.34
PULL #3	4.05	4.09		4.31
PULL #4	4.29	4.15		4.27
PULL #5	4.27	4.18		4.38
TOTAL	21.39	20.73		21.56
AVG.	4.27	4.14		4.31

R & E NUMBER	C02686		
SERIAL NUMBER	C6498776		
LOG-IN DATE	3-6-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/8/03	RTL
560 A	RE-BARREL	3-11-03	RTL
B	DRILL AND TAP	3-12-03	TRW
575	ASSEMBLE	3-11-03	RTL
600	PROOF	3-11-03	AC
605	CHECK HEADSPACE	3-11-03	AC
610	DIS-ASSEMBLE GUN	3-11-03	RTL
612	MAGNAFLUX	3-11-03	RTL
615	ROLLMARK CALIBER	3-11-03	RTL
618	ROTO-BLAST	3-14-03	DG
620	APPLY COATINGS	3-18-03	TA
625 A	FINAL ASSEMBLY	3-20-03	RTL
B	TRIGGER PULL TEST	3-21-03	TRW
C	SAFETY "ON" FORCE	6/6s 3-21-03	AC
D	SAFETY "OFF" FORCE	2 1/2 lbs 3-21-03	AC
E	FIRING PIN INDENT	1.024 3-21-03	AC
640	TARGET	3-21-03	TRW
655	FINAL INSPECT	3-22-03	RTL
660	PACK	3-22-03	DTA
		SHIP DATE	
QAR INSPECTION DATE			

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6498770
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716
 5716 C6498770		

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498770

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	90	RW
600	Proof	5 2	90	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KCR
	Magnaflux Bolt	5-8-90		KCR
615	Rollmark Caliber		5/8/90	ES
617	Drill and Tap Sight Holes		5/9/90	FB
618	Polish Barrel RB		5/10/90	WB
620	Apply Coatings (Barrel Action)		5/16/90	TH
	Apply Coating (Bolt)		5/16/90	TH
625	Final Assembly A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/24/90	JEL

BARBER - M24 0172625

BARBER - M24 0172625								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	5/25/90	SH		
	G) Safety Off Force	2	2	2	5/25/90	SH		
	H) Trigger Pull Test & Retainability				5/24/90	SH		
	I) Firing Pin Indent	.024	.024	.024	5/25/90	SH		
	J) Assemble Stock				5/29/90	Rw		
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies				5/29/90	Rw		
	M) Iron Sight Alignment				5/29/90	Rw		
	N) Detach Front & Rear Sights & place in numbered container				5/29/90	Rw		
	O) Attach Scope to Rifle				5/24/90	SH		
	P) Detach & Attach Scope 20 Times				5/24/90	SH		
640	Gallery Target & Test				5-30-90	DH		
	A) Time				5-30-90	DH		
	B) Malfunctions				5-30-90	DH		
	C) Pierced Primers				5-30-90	DH		
	D) Optical Clarity of Scope				5-30-90	DH		
645	Inspect for Live Ammo				5-30-90	DH		
655	Final Inspection							
	A) Headspace				6-8-90	SH		
	B) Trigger Pull	274	255	269	261	274	6-8-90	SH
	C) Function						6-8-90	SH
660	Pack						6-19-90	DH

TIME

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6498770DATE 5/24/90TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.55	2.30	274	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.31	2.38	255	
PULL #3	2.41	2.42	2.23	267	
PULL #4	2.38	2.38	2.25	261	
PULL #5	2.40	2.36	2.20	274	
TOTAL	11.78	12.02	11.36		
AVG.	2.356	2.404	2.272		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.42		
PULL #2	3.50	3.40		
PULL #3	3.26	3.36		
PULL #4	3.16	3.32		
PULL #5	3.17	3.30		
TOTAL	16.42	16.80		
AVG.	3.284	3.36		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.27		4.25
PULL #2	4.27	4.37		4.43
PULL #3	4.39	4.48		4.50
PULL #4	4.50	4.43		4.23
PULL #5	4.47	4.38		4.30
TOTAL	22.12	21.93		21.71
AVG.	4.424	4.386		4.342

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498770
31 May 1990

CENTROIDAL DISTANCES

0 TO	1	.349834
1 TO	2	.627857
1 TO	3	.284851
1 TO	4	.118849
1 TO	5	.487607

POI

<----POI

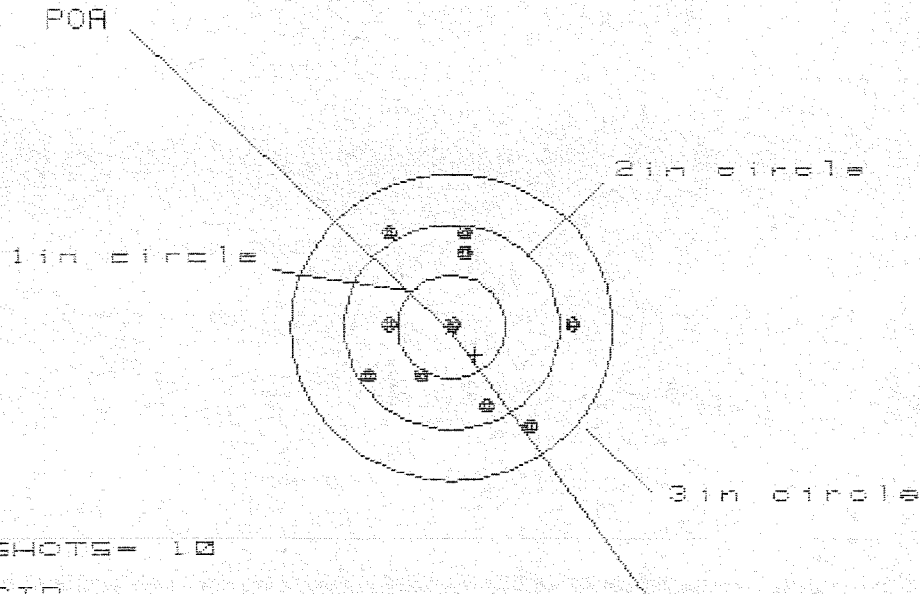
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.029
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1004
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104504

THE AMR FOR THIS RIFLE IS: .8024

31 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6458770

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.934

VS = 1.879

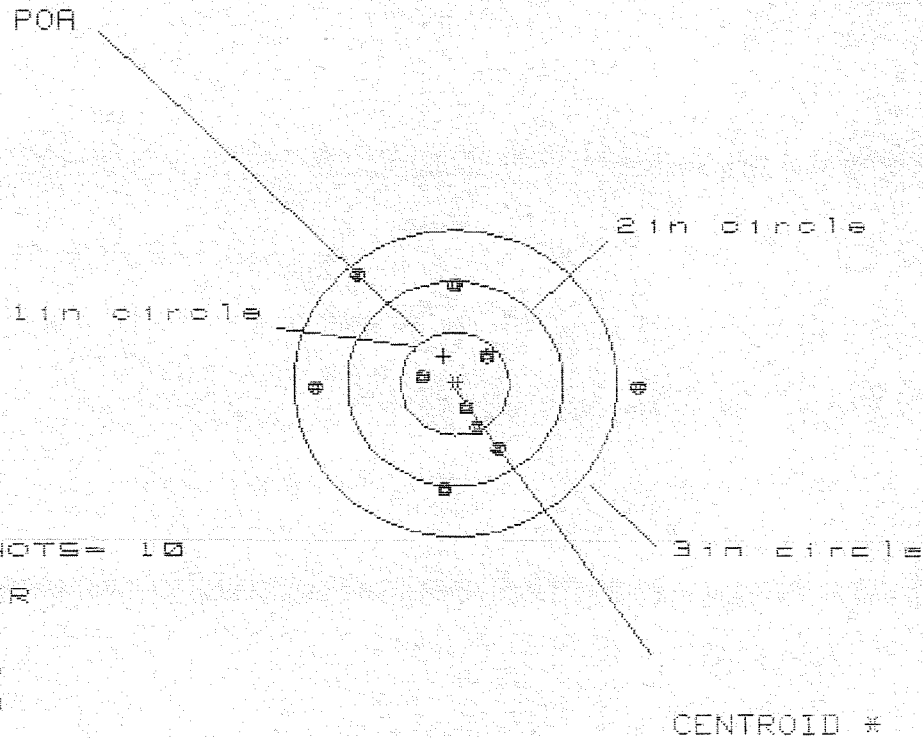
QS = 2.283

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.121	1.198	1.131
MINIMUM X	-.813	-.736	-.803
MAXIMUM Y	.952	.849	.918
MINIMUM Y	-.927	-.825	-.719
CENTROID X	-.220	-.297	-.229
CENTROID Y	.272	.375	.269
POA TO CENTROID in.	.350	.478	.354
MIN RADIUS	.008	.130	.005
MEAN RADIUS	.794	.755	.705
MAX RADIUS	1.153	1.202	1.131
HORIZONTAL SPREAD	1.934	1.934	1.934
VERTICAL SPREAD	1.879	1.674	1.637
EXTREME SPREAD	2.283	1.997	1.997
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

31 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6499770

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 2.978

VS = 2.028

GS = 2.978

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.675	.552	.459
MINIMUM X	:	-1.304	-1.117	-1.210
MAXIMUM Y	:	1.018	1.014	1.048
MINIMUM Y	:	-1.010	-1.014	-.887
CENTROID X	:	.102	-.085	.009
CENTROID Y	:	-.267	-.263	-.389
POA TO CENTROID in.	:	.286	.276	.390
MIN RADIUS	:	.251	.154	.209
MEAN RADIUS	:	.848	.759	.669
MAX RADIUS	:	1.675	1.258	1.218
HORIZONTAL SPREAD	:	2.978	1.669	1.669
VERTICAL SPREAD	:	2.028	2.028	1.936
EXTREME SPREAD	:	2.978	2.209	1.936
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

31 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6438770

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.359

VS = 1.704

GS = 2.773

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.239

1.129

1.007

MINIMUM X

-1.120

-.982

-1.104

MAXIMUM Y

.779

.695

.774

MINIMUM Y

-.925

-1.009

-1.030

CENTROID X

.064

-.074

.048

CENTROID Y

.294

.378

.299

POA TO CENTROID in.

.301

.385

.303

MIN RADIUS

.295

.135

.280

MEAN RADIUS

.879

.806

.752

MAX RADIUS

1.451

1.277

1.213

HORIZONTAL SPREAD

2.359

2.111

2.111

VERTICAL SPREAD

1.704

1.704

1.704

EXTREME SPREAD

2.773

2.191

2.191

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

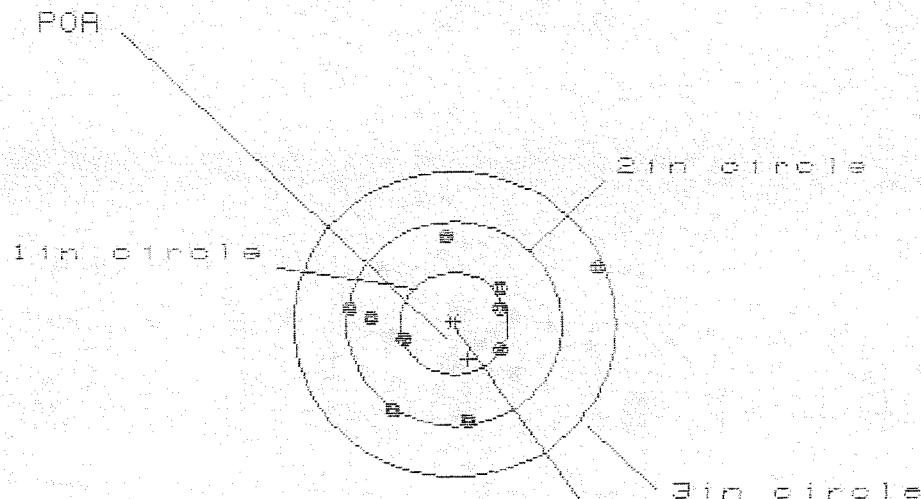
NUMBER IN THREE INCH CIRCLE =

10

31 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06498770

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 2.362

VS = 1.772

GS = 2.401

CENTROID *

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.374	.598	.545
MINIMUM X	-.988	-.836	-.889
MAXIMUM Y	.863	.927	.833
MINIMUM Y	-.909	-.845	-.939
CENTROID X	-.127	-.279	-.226
CENTROID Y	.346	.282	.375
POA TO CENTROID in.	.369	.397	.439
MIN RADIUS	.412	.275	.350
MEAN RADIUS	.792	.705	.679
MAX RADIUS	1.490	.935	.976
HORIZONTAL SPREAD	2.362	1.434	1.434
VERTICAL SPREAD	1.772	1.772	1.772
EXTREME SPREAD	2.401	1.782	1.782
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

31 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8438770

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 2.274

VS= 1.510

GS= 2.338

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.321	.979	.878
MINIMUM X	-.954	-.807	-.438
MAXIMUM Y	.635	.620	.669
MINIMUM Y	-.875	-.890	-.841
CENTROID X	.036	-.110	-.009
CENTROID Y	-.143	-.128	-.177
POA TO CENTROID in.	.147	.169	.177
MIN RADIUS	.151	.204	.287
MEAN RADIUS	.699	.612	.578
MAX RADIUS	1.327	1.043	.969
HORIZONTAL SPREAD	2.274	1.786	1.316
VERTICAL SPREAD	1.510	1.510	1.510
EXTREME SPREAD	2.338	1.786	1.650
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 8		
NUMBER IN THREE INCH CIRCLE	= 10		

R ORDER
95-14753

M-24 SNIPER
W/DEPOLYMENT KIT & BI-POD

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
05/15/95	05/15/95	KK 5-90	C6498770		700 7.62 NATO
ACCESSORIES	HARD CASE				

SHIP TO:

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY 13602

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY
13602

CUST NO: 098433 C.O.D

WRITE ☐

VIA

VP3

☐ 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.	<i>New Barrel</i>	B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003
Front Sight Base - 96012

Repowder Coat Trigger Guard
Assy. of Rear Sight Base
Refine - Scope Base & Swivel
Studs.

W52#095137#527

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

BARBER - M24 **M2400172672**

Final Inspection

Sn: C6498770

DATE REC'D: 5/15/95

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

New Barrel

GUN SERIAL # C6498720

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		5/30/95	RW
600	Proof		5/30/95	RW
607	Check Headspace		5/30/95	RW
610	Dis-assemble Gun		5/30/95	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		6/3/95	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/3/95	RW
	C) Inspect Ejector Hole for Chamfer		6/3/95	RW
	D) Oil Firing Pin Ass'y		6/3/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/3/95	RW

op. #	BARBER - M24 0172636 OP. NAME	C 6498770 READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test		6/5/95	RW
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		6/5/95	RW
655	Final Inspection			
	A) Headspace		6/9/95	RW
	B) Trigger Pull			
	C) Function		6/9/95	RW
660	Pack			

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 HHC 2-22 INF.		B. LOCATION FT. DRUM, NY				C. UNIT IDENT CODE WAKLTD							
2. SERIAL NO. C6498770		3. NOUN NOMENCLATURE M24		4. LINE NO. R95387		5. MODEL		6. NATIONAL STOCK NUMBER 1005-DI-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) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☒ H Other												15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 058 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ 1009 Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) MAX AMOUNT OF ROUNDS EXCEEDED, REBLUE BARRELS, CHECK BEDDING CHECK STOCKS, CHECK REFEELING															
B. REMARKS															
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 <i>HHC 2-22 INF</i>		B. LOCATION <i>FT. DRUM, NY</i>		C. UNIT IDENT. CODE <i>WAKLTD</i>				
2. SERIAL NO. <i>66498770</i>		3. NOUN NOMENCLATURE <i>M24</i>		4. LINE NO. <i>R95387</i>	5. MODEL	6. NATIONAL STOCK NUMBER <i>1405-01-240-2136</i>				
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 ☐ B Handling ☐ D Normal Op ☐ F Inspection ☒ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ 1000 Other					
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>MAY AMOUNT OF ROUNDS EXCEEDED, REBLUE BARRELS, CHECK REDDING CHECK STOCKS, CHECK REEFLING</i>										
B. REMARKS										
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						
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					.				\$	
					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		
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		
					28. DISPOSITION (Select One)					
					☐ A To User ☐ D Evaluated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					

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 HHC 2-22 INF		B. LOCATION FT. DRUM, NY				C. UNIT IDENT CODE WAKLT 0	
2. SERIAL NO. C6498812		3. NOUN NOMENCLATURE M24		4. LINE NO. R95387		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC	
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 ☒ 1099 Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) MAX AMOUNT ROUNDS EXCEEDED, REBLUE BARRELS, CHECK BEDDING, CHECK STOCKS, CHECK RIFELING									
B. REMARKS									
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. <i>Block 1A.</i> Enter the name of the organization submitting the request. 6. <i>Block 1B.</i> Enter the unit submitting the request; units overseas enter APO only. 7. <i>Block 1C.</i> Enter the unit identification code of the unit in block 1A. 8. <i>Block 2.</i> Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. <i>Block 3.</i> Enter the noun abbreviation of the item. 10. <i>Block 4.</i> Enter the item line number, if applicable. 11. <i>Block 5.</i> Enter the model number. 12. <i>Block 6.</i> Enter the National Stock Number of the item listed in Block 3. 13. <i>Block 7.</i> Enter the name of the support activity. 14. <i>Block 7A.</i> Enter the symbol of the maintenance category (O, F, H, D, or L). 15. <i>Block 8.</i> Enter the utilization code. 16. <i>Block 9A.</i> Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. <i>Block 9B.</i> Enter the equipment readiness code, if applicable. 18. <i>Block 9C.</i> Enter the word "yes" if the item is a pacing item. 19. <i>Block 10.</i> Enter the hour reading, if applicable. 20. <i>Block 11.</i> Enter the mileage from the odometer, if applicable. 21. <i>Block 12.</i> Enter the total rounds fired, if applicable. 22. <i>Block 13.</i> For turbine engines, enter the number of hot starts. 23. <i>Block 14.</i> Enter a "✓" or "X" in the proper block. 24. <i>Block 15.</i> Enter a "✓" or "X" in the proper block. 25. <i>Block 16.</i> 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 HHC 2-22 INF			B. LOCATION FT. DRUM, NY			C. UNIT IDENT CODE WAKLT 0			
2. SERIAL NO. C6498812		3. NOUN NOMENCLATURE M24			4. LINE NO. R95387		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136		
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	
☐ B Handling		☐ D Normal Op		☐ F Inspection		☒ H Other		☐ 008 Noisy		☐ 387 Low Performance	
								☒ 790 Out of Adjustment		☒ 1089 Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) MAX AMOUNT ROUNDS EXCEEDED, RERLUE BARRELS, CHECK BEDDING, CHECK STOCKS, CHECK RIFELING											
B. REMARKS											
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							
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											\$
											\$
					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			

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 HHC 2-22 INF		B. LOCATION FT DRUM, NY			C. UNIT IDENT CODE WAKLTØ												
2. SERIAL NO. C6349075		3. NOUN NOMENCLATURE M24		4. LINE NO. R95387		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136											
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 ☐ B Handling ☐ D Normal Op ☐ F Inspection ☒ H Other				☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ XOM Other															
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). MAX AMOUNT OF ROUNDS EXCEEDED, REBLUE BARREL, CHECK BEDDEN CHECK STOCKS, CHECK RIFELING																			
B. REMARKS																			
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 HHC 2-22 INF			B. LOCATION FT. DRUM, NY			C. UNIT IDENT CODE WAKLTØ				
2. SERIAL NO. C6349075		3. NOUN NOMENCLATURE M24			4. LINE NO. R95387		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136			
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		☒ X094 Other
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). MAY AMOUNT OF ROUNDS EXCEEDED, REBLUE BARREL, CHECK BENDERS, CHECK STOCKS, CHECK REFEELING												
B. REMARKS												
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								
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					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$			
21. DELAY (Select One)					22		Data Transcribed					
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools												
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 # C6498770
11 Jul 1995

CENTROIDAL DISTANCES

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1 TO	2	.438625
1 TO	3	.295873
1 TO	4	.289774
1 TO	5	.262414

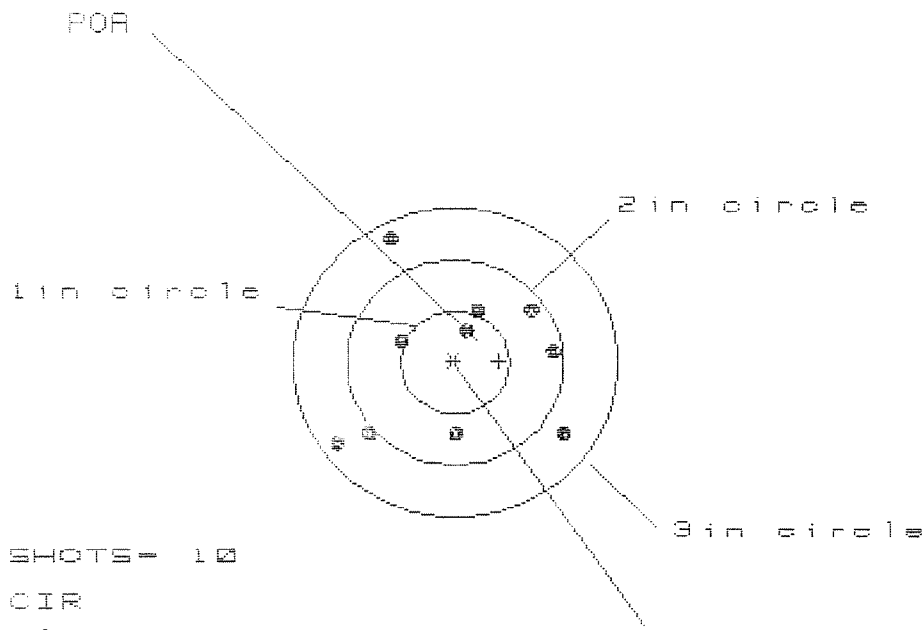
1# <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1644
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0732
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .17996
THE AMR FOR THIS RIFLE IS: .9708

11 JUL 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06498770

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.083

VS= 1.917

GS= 2.439

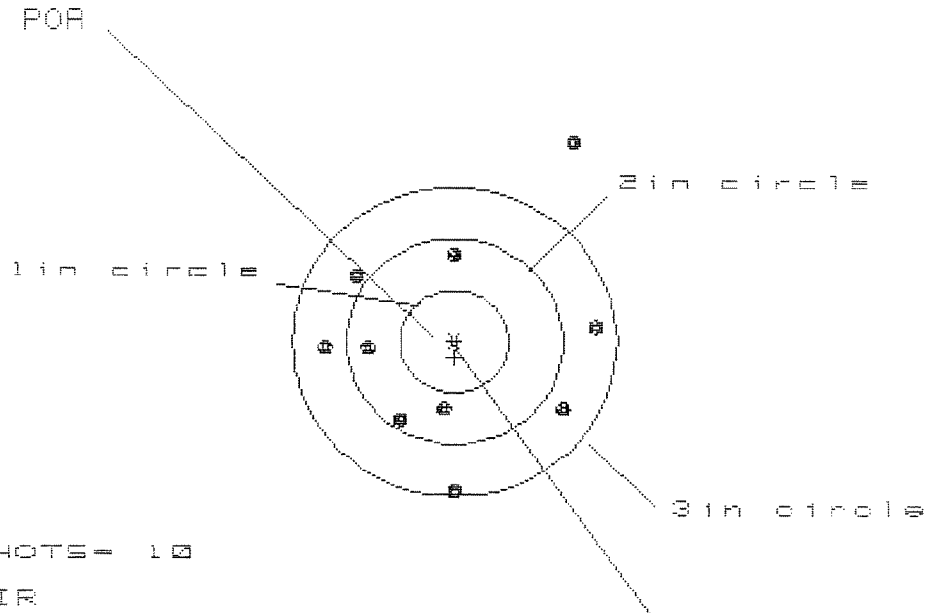
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.989	.919	.773
MINIMUM X	-1.094	-1.164	-.990
MAXIMUM Y	1.168	.665	.587
MINIMUM Y	-.749	-.619	-.677
CENTROID X	-.406	-.336	-.190
CENTROID Y	-.011	-.141	-.063
POR TO CENTROID in.	.406	.364	.200
MIN RADIUS	.313	.418	.347
MEAN RADIUS	.887	.841	.759
MAX RADIUS	1.329	1.319	1.199
HORIZONTAL SPREAD	2.083	2.083	1.763
VERTICAL SPREAD	1.917	1.284	1.264
EXTREME SPREAD	2.439	2.242	1.975
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

11 JUL 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06498770

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS = 2.491

VS = 3.429

GS = 3.601

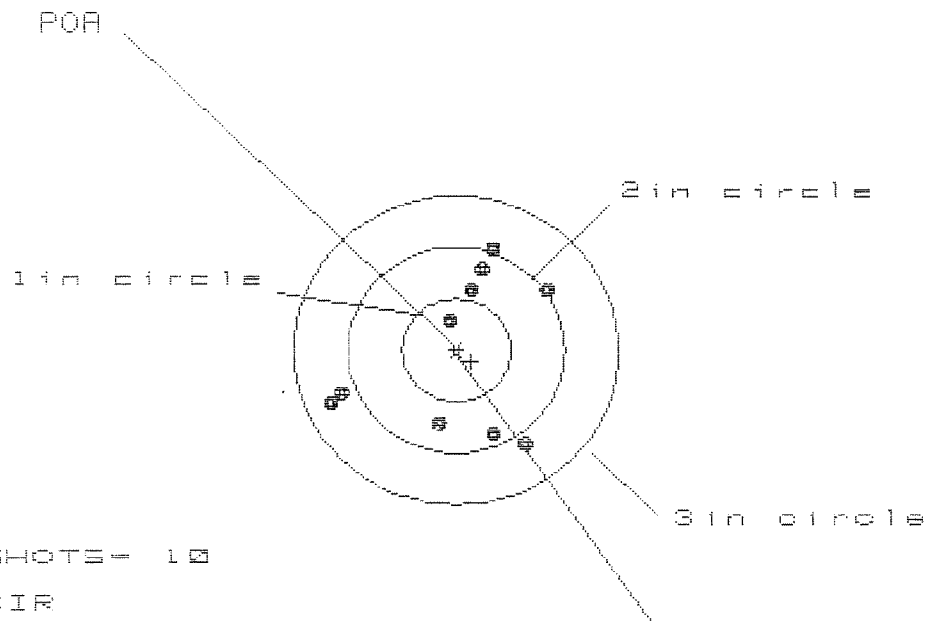
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.301	1.424	1.442
MINIMUM X	:	-1.190	-1.067	-1.049
MAXIMUM Y	:	1.958	1.025	.868
MINIMUM Y	:	-1.472	-1.254	-.668
CENTROID X	:	.000	-.123	-.141
CENTROID Y	:	.155	-.063	.094
POA TO CENTROID in.	:	.155	.138	.169
MIN RADIUS	:	.641	.413	.570
MEAN RADIUS	:	1.166	.996	.963
MAX RADIUS	:	2.252	1.475	1.459
HORIZONTAL SPREAD	:	2.491	2.491	2.491
VERTICAL SPREAD	:	3.429	2.279	1.536
ELLIPSE SPREAD	:	3.601	2.499	2.499
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

01 JUL 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06498770

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.0001

VS = 1.935

GS = 2.269

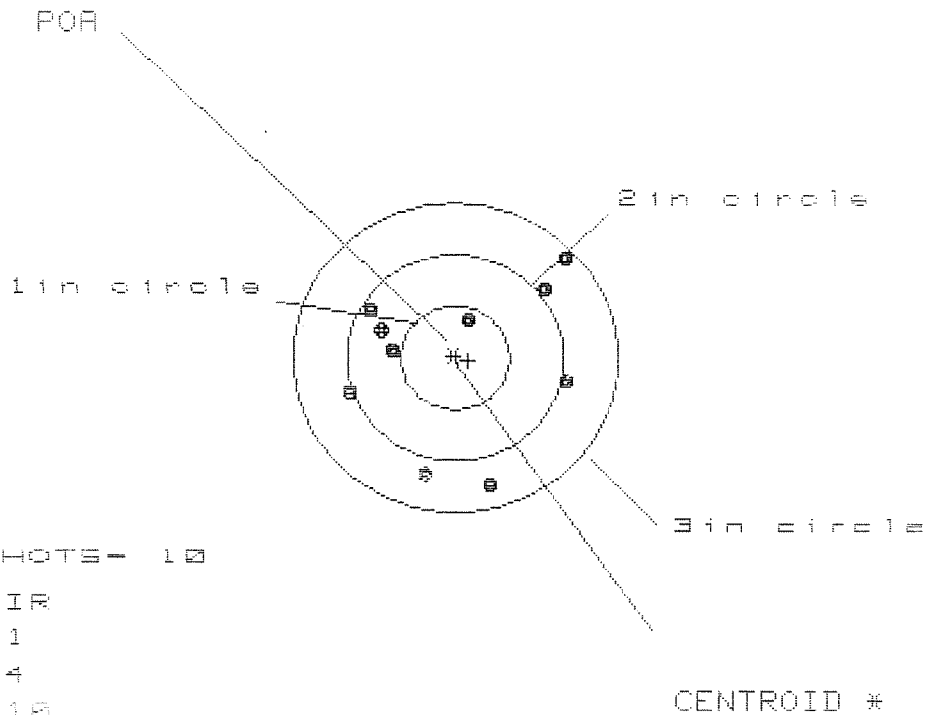
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.852	.725	.572
MINIMUM X	:	-1.148	-1.221	-.479
MAXIMUM Y	:	.988	.935	.880
MINIMUM Y	:	-.947	-1.000	-1.055
CENTROID X	:	-.136	-.009	.144
CENTROID Y	:	.110	.163	.218
POA TO CENTROID in.	:	.175	.164	.261
MIN RADIUS	:	.331	.329	.402
MEAN RADIUS	:	.904	.851	.783
MAX RADIUS	:	1.245	1.296	1.116
HORIZONTAL SPREAD	:	2.001	1.946	1.051
VERTICAL SPREAD	:	1.935	1.935	1.935
EXTREME SPREAD	:	2.269	2.174	1.955
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

11 JUL 1985

FILE:/PATTERNING/CENTERFIRE_PATT/0649B770

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

MEAN = 0.000

VSE = 2.181

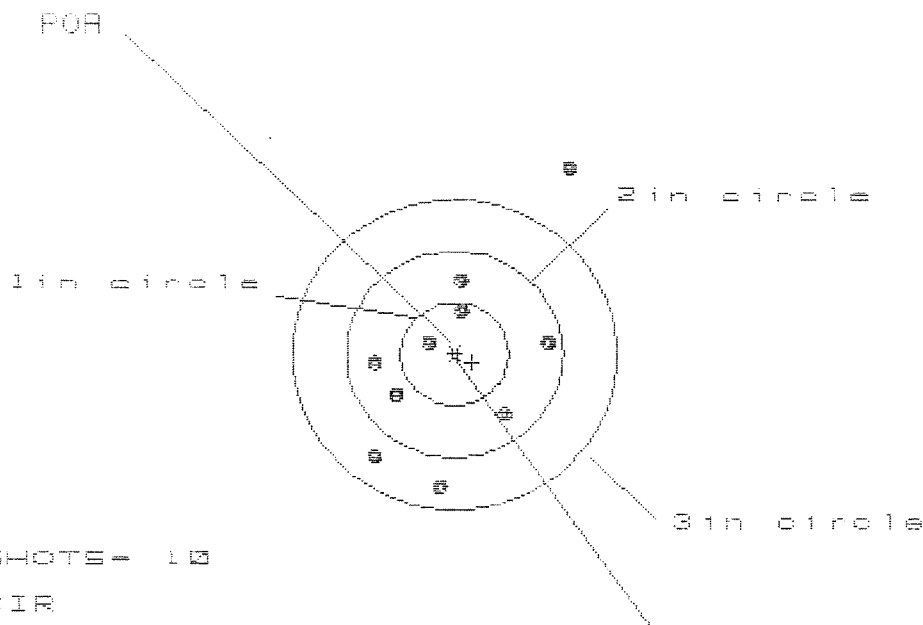
GSE = 2.493

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.059	1.168	1.227
MINIMUM X	-1.029	-.911	-.852
MAXIMUM Y	.997	.817	.683
MINIMUM Y	-1.184	-1.073	-1.151
CENTROID X	-.119	-.237	-.296
CENTROID Y	.029	-.082	.052
POA TO CENTROID in.	.123	.251	.301
1 in RADIUS	.421	.534	.451
2 in RADIUS	.983	.918	.856
3 in RADIUS	1.455	1.242	1.249
HORIZONTAL SPREAD	2.088	2.079	2.079
VERTICAL SPREAD	2.181	1.890	1.834
DIAGONAL SPREAD	2.493	2.134	2.134
1 in INCH CIRCLE	= 1		
2 in INCH CIRCLE	= 4		
3 in INCH CIRCLE	= 10		

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HE = 1.805

VS = 3.136

GS = 3.356

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.047
MINIMUM X	-0.758
MAXIMUM Y	1.845
MINIMUM Y	-1.291
CENTROID X	-0.161
CENTROID Y	0.083
POA TO CENTROID in.	0.181
MIN RADIUS	0.280
MEAN RADIUS	0.914
MAX RADIUS	2.121
HORIZONTAL SPREAD	1.805
VERTICAL SPREAD	3.136
EXTREME SPREAD	3.356
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9