

G6360890
Replace
C.6523549

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360890.___0
FILE DATE AND TIME: 10/28/2004 08:12

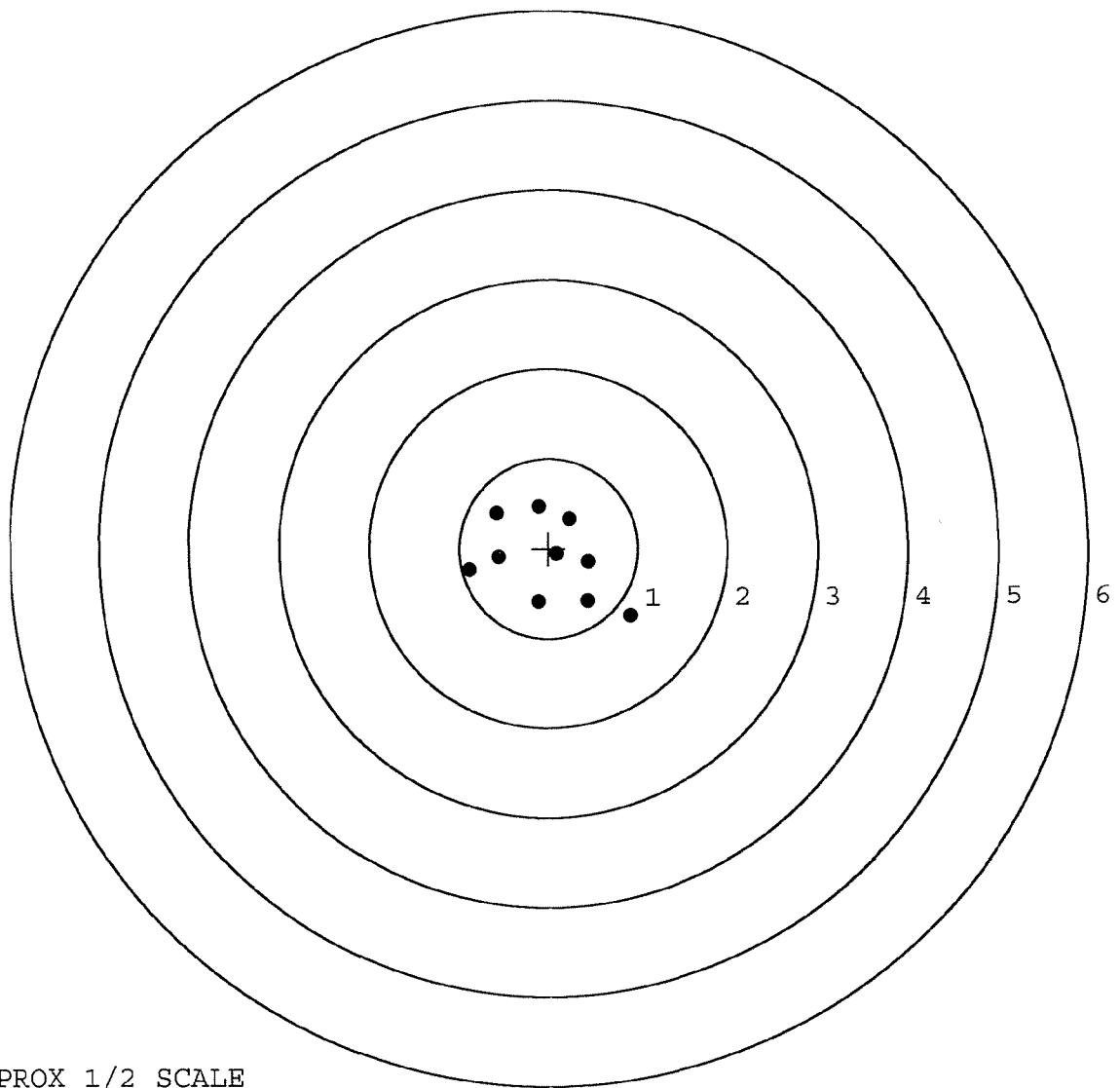
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.040
The Average Y Centroid of the Five Target Set:	-0.154
The Average Point of Impact of the Five Target Set:	0.159
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.130
The Distance from Centroid Target #2 to Centroid Target #1:	0.095
The Distance from Centroid Target #3 to Centroid Target #1:	0.157
The Distance from Centroid Target #4 to Centroid Target #1:	0.136
The Distance from Centroid Target #5 to Centroid Target #1:	0.150

SERIAL NUMBER: G6360890.___0
TARGET NUMBER: 1
FILE DATE: 10/28/2004
FILE TIME: 08:12

POINT#	X	Y
1:	0.915	-0.755
2:	0.446	-0.590
3:	-0.118	-0.599
4:	0.448	-0.152
5:	0.093	-0.061
6:	-0.565	-0.095
7:	-0.888	-0.239
8:	-0.578	0.396
9:	-0.101	0.467
10:	0.243	0.330

X CENTROID: -0.010
Y CENTROID: -0.130
POA TO CENTROID: 0.130
HORZ SPREAD: 1.803
VERT SPREAD: 1.222
GROUP SPREAD: 1.885
MIN RADIUS: 0.124
MAX RADIUS: 1.117
MEAN RADIUS: 0.617
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

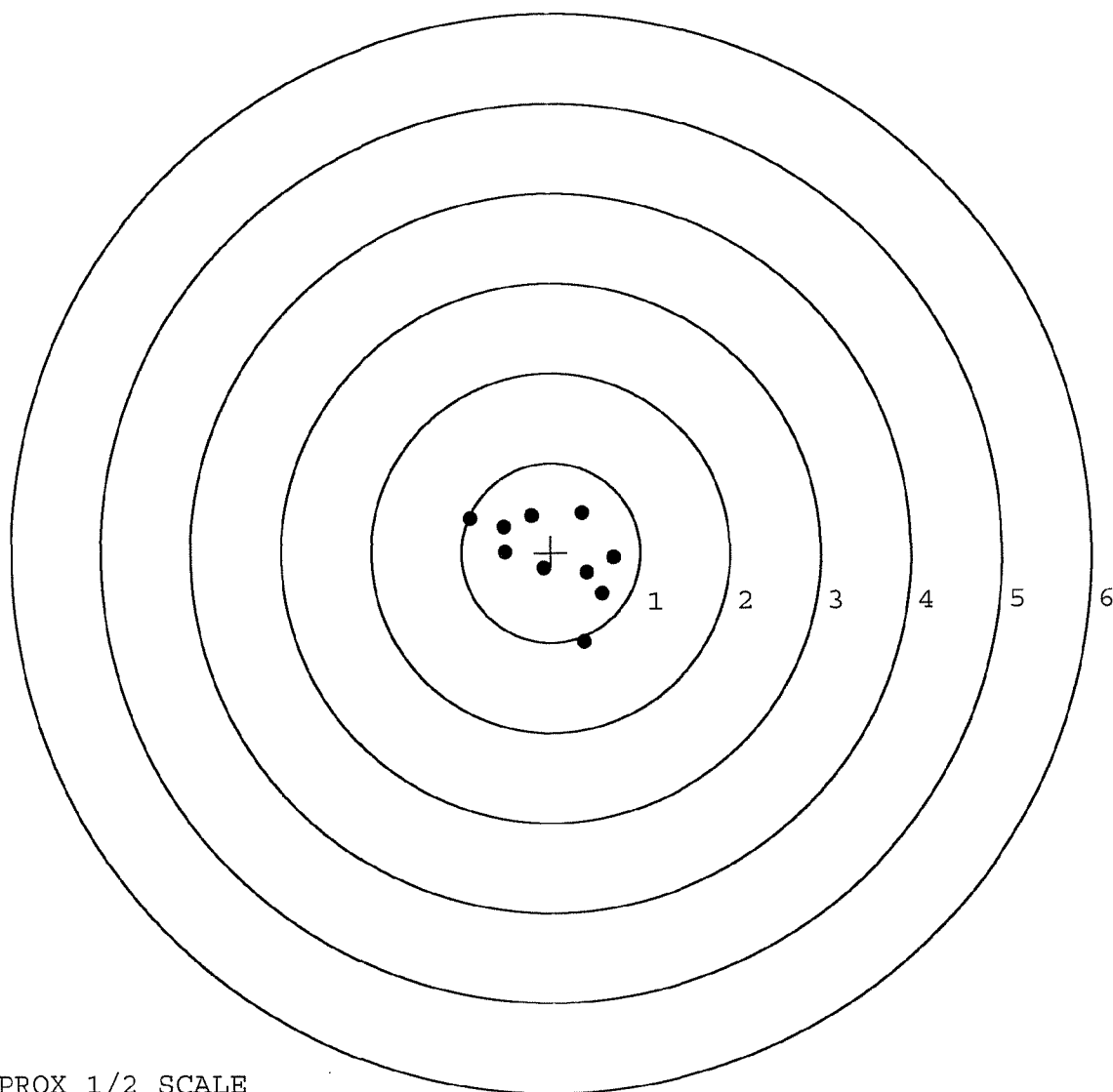


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360890.____0
TARGET NUMBER: 2
FILE DATE: 10/28/2004
FILE TIME: 08:12

X CENTROID: 0.017
Y CENTROID: -0.039
POA TO CENTROID: 0.043
HORZ SPREAD: 1.605
VERT SPREAD: 1.448
GROUP SPREAD: 1.884
MIN RADIUS: 0.168
MAX RADIUS: 1.029
MEAN RADIUS: 0.628
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.371	-1.006
2:	0.702	-0.062
3:	0.576	-0.460
4:	0.401	-0.227
5:	-0.083	-0.174
6:	0.356	0.442
7:	-0.212	0.413
8:	-0.515	0.011
9:	-0.903	0.382
10:	-0.523	0.288

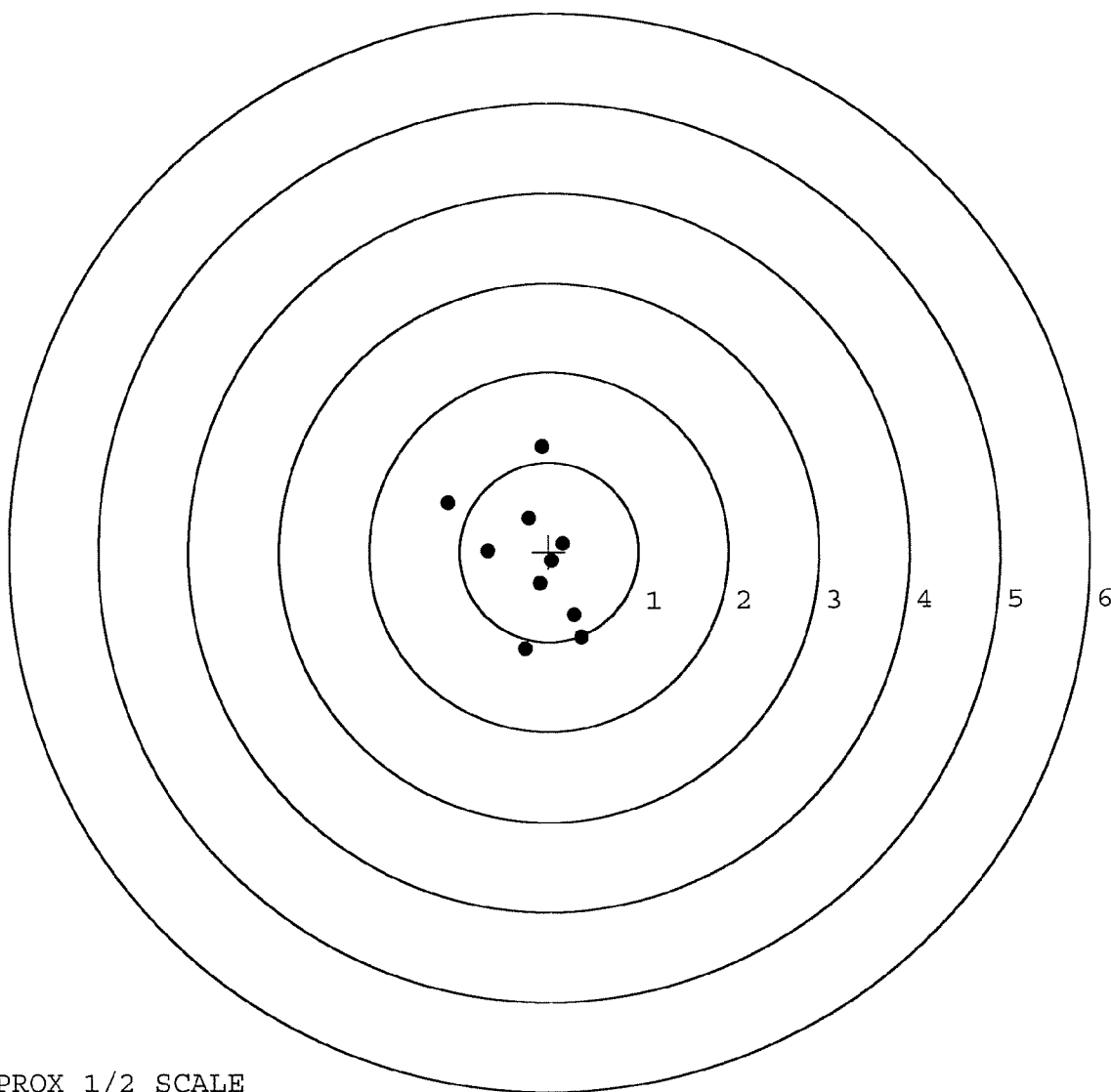


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360890. __0
TARGET NUMBER: 3
FILE DATE: 10/28/2004
FILE TIME: 08:12

X CENTROID: -0.165
Y CENTROID: -0.100
POA TO CENTROID: 0.193
HORZ SPREAD: 1.487
VERT SPREAD: 2.257
GROUP SPREAD: 2.266
MIN RADIUS: 0.192
MAX RADIUS: 1.277
MEAN RADIUS: 0.703
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.365	-0.955
2:	0.281	-0.711
3:	-0.269	-1.084
4:	-0.686	0.014
5:	-1.122	0.556
6:	-0.069	1.173
7:	-0.224	0.377
8:	0.156	0.087
9:	0.027	-0.103
10:	-0.106	-0.354



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360890. __0

TARGET NUMBER: 4

FILE DATE: 10/28/2004

FILE TIME: 08:12

X CENTROID: -0.094

Y CENTROID: -0.237

POA TO CENTROID: 0.255

HORZ SPREAD: 2.262

VERT SPREAD: 1.985

GROUP SPREAD: 2.332

MIN RADIUS: 0.325

MAX RADIUS: 1.449

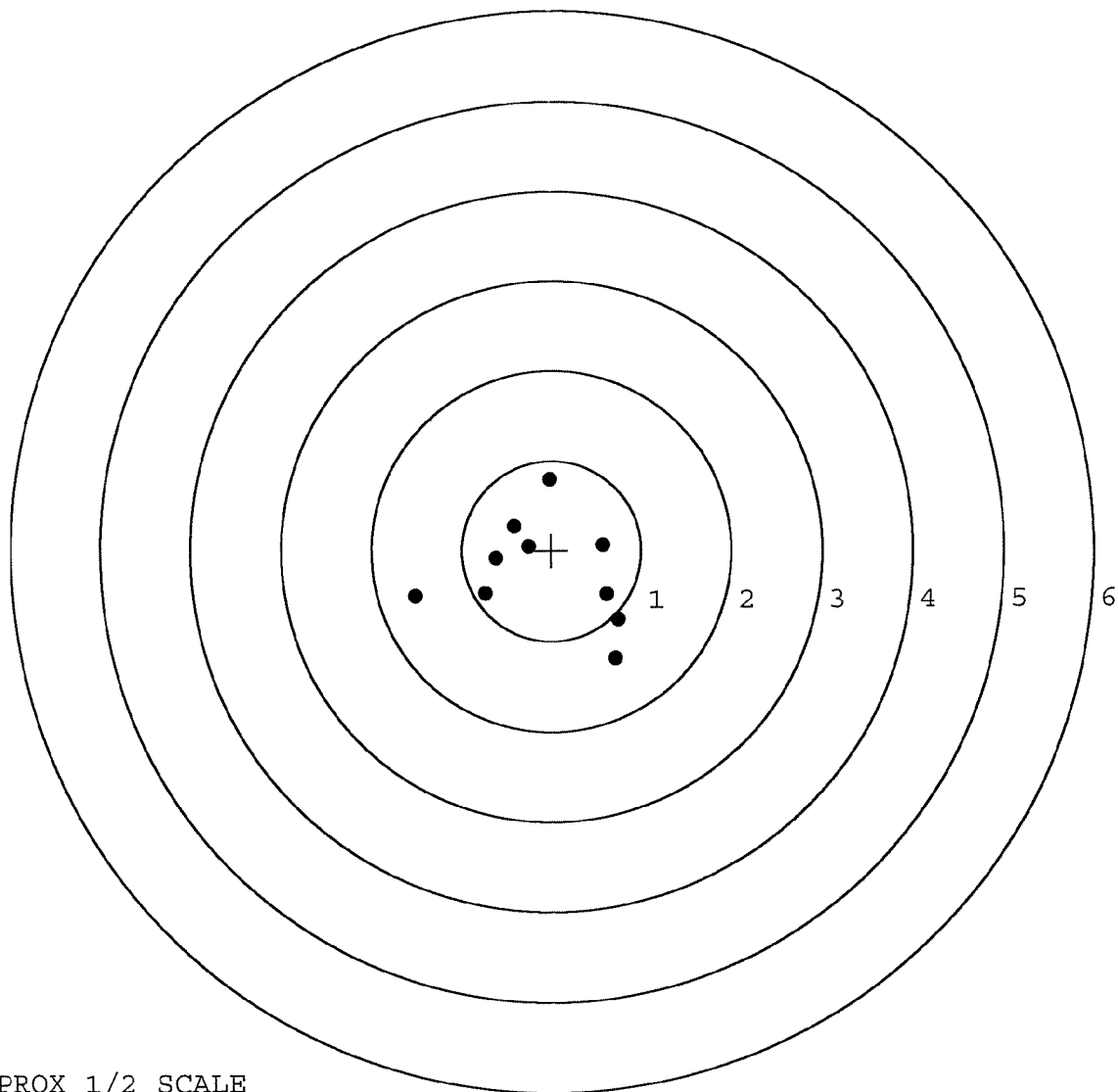
MEAN RADIUS: 0.837

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.707	-1.196
2:	0.743	-0.773
3:	0.614	-0.491
4:	0.574	0.059
5:	-0.014	0.789
6:	-0.416	0.269
7:	-0.258	0.043
8:	-0.621	-0.093
9:	-0.746	-0.477
10:	-1.519	-0.500

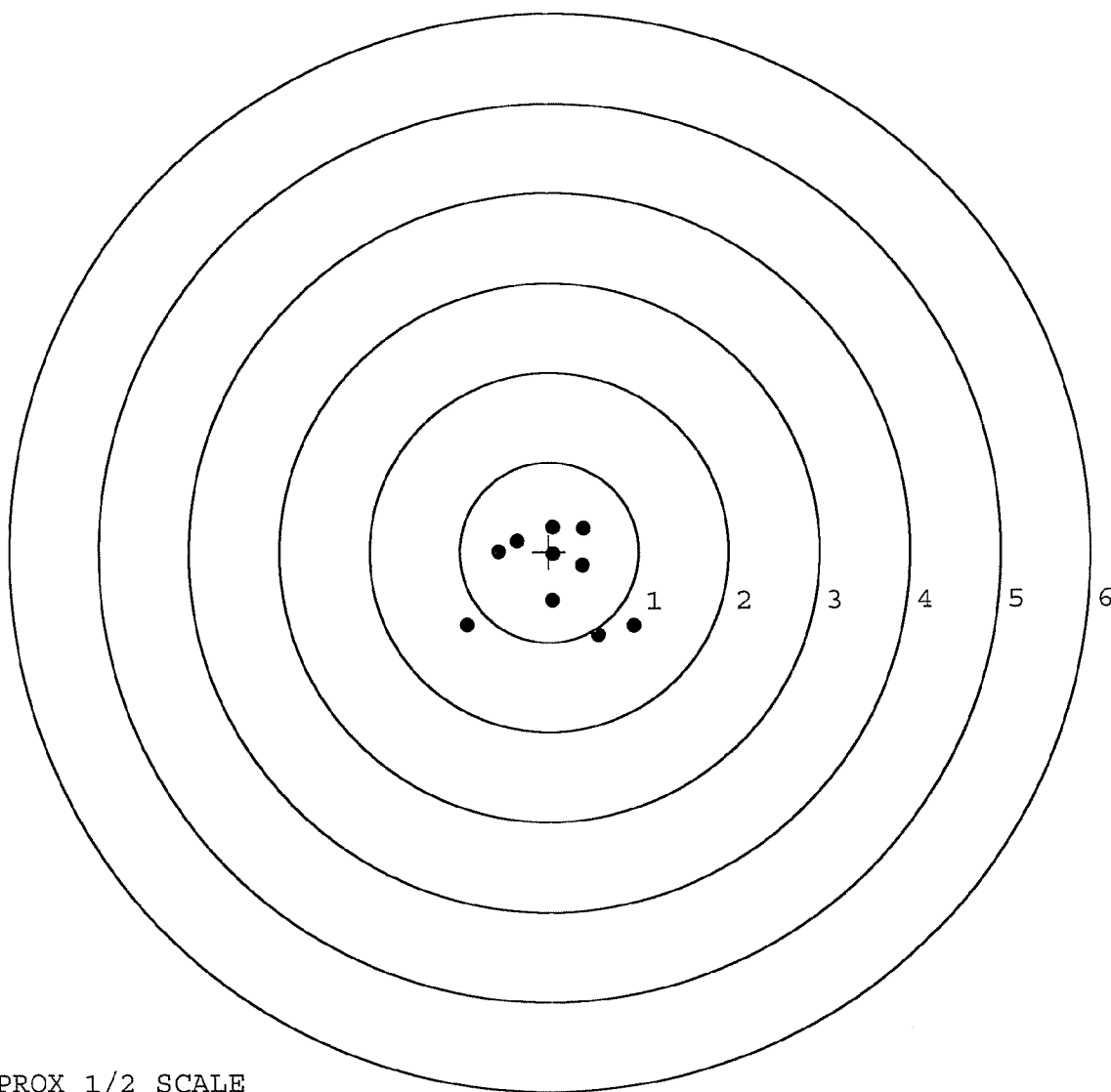


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360890. __0
TARGET NUMBER: 5
FILE DATE: 10/28/2004
FILE TIME: 08:12

X CENTROID: 0.053
Y CENTROID: -0.266
POA TO CENTROID: 0.271
HORZ SPREAD: 1.866
VERT SPREAD: 1.201
GROUP SPREAD: 1.866
MIN RADIUS: 0.233
MAX RADIUS: 1.118
MEAN RADIUS: 0.626
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.942	-0.832
2:	0.551	-0.930
3:	0.039	-0.544
4:	-0.924	-0.810
5:	-0.573	0.002
6:	-0.356	0.118
7:	0.390	0.260
8:	0.043	0.271
9:	0.375	-0.157
10:	0.041	-0.033



TARGET APPROX 1/2 SCALE

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

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

DA FORM 2404, APR 79 Replaces edition of 1 Jan 64, which will be used USAPPC V1.10

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

R & E NUMBER	85667		
SERIAL NUMBER	C6523349- C6360890 (New)		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-04	RTZ
560 A	RE-BARREL	10-7-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTZ
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTZ
610	DIS-ASSEMBLE GUN	10-12-04	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/13/04	CW
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-27-04	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-28-04	TRW
655	FINAL INSPECT	11-3-04	AC
660	PACK	11-4-04	RA
		SHIP DATE	
		QAR INSPECTION DATE	

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: **RE00042314** Serial: G6523349 Model: 700 Center Fire Caliber: 7.62 NATO M:24 (SWS) Repairman: Status: Closed 2/26/02 7:40:51 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: C CO SPT BN C CO SPT BN

Address 1: 1ST SWTG(A) 1ST SWTG(A)

Address 2: PO Box: PO Box:

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Poor

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

neglet 2/26/02 9:10 AM C4PS NUM INS SCFL

Start S F S C S C S E SA

9:10 AM

Serial Number: **C6523349**

Model: **700**



RE00042314

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523349.__0

FILE DATE AND TIME: 03/13/2002 10:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.125
The Average Y Centroid of the Five Target Set:	-0.110
The Average Point of Impact of the Five Target Set:	0.167
The Average Mean Radius of the Five Target Set:	0.593
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.147
The Distance from Centroid Target #3 to Centroid Target #1:	0.207
The Distance from Centroid Target #4 to Centroid Target #1:	0.126
The Distance from Centroid Target #5 to Centroid Target #1:	0.118

SERIAL NUMBER: C6523349. __0

TARGET NUMBER: 1

FILE DATE: 03/13/2002

FILE TIME: 10:52

POINT#	X	Y
1:	0.658	0.448
2:	-0.262	0.622
3:	-0.970	0.243
4:	-0.323	-0.064
5:	-0.206	0.069
6:	0.191	-0.176
7:	0.309	-0.698
8:	0.185	-0.584
9:	-0.078	-0.621
10:	-0.398	-0.618

X CENTROID: -0.089

Y CENTROID: -0.138

POA TO CENTROID: 0.164

HORZ SPREAD: 1.628

VERT SPREAD: 1.320

GROUP SPREAD: 1.641

MIN RADIUS: 0.237

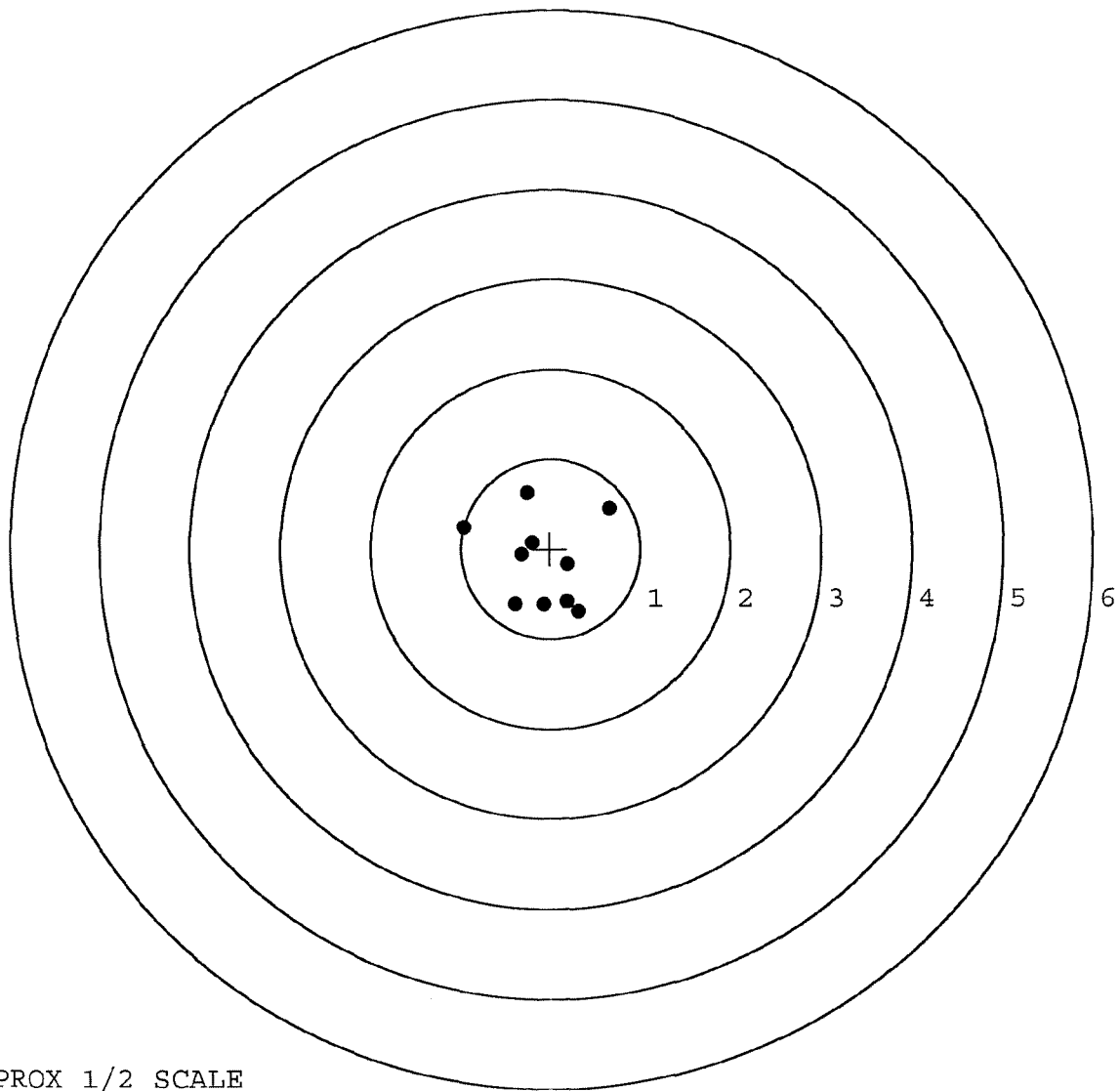
MAX RADIUS: 0.959

MEAN RADIUS: 0.572

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523349. __0

TARGET NUMBER: 2

FILE DATE: 03/13/2002

FILE TIME: 10:52

POINT#	X	Y
1:	0.752	0.196
2:	0.722	-0.286
3:	0.346	0.022
4:	-0.166	0.146
5:	-0.122	-0.310
6:	-0.373	-0.314
7:	-0.347	-0.571
8:	-0.671	-0.577
9:	-0.632	0.831
10:	-1.508	0.451

X CENTROID: -0.200

Y CENTROID: -0.041

POA TO CENTROID: 0.204

HORZ SPREAD: 2.260

VERT SPREAD: 1.408

GROUP SPREAD: 2.349

MIN RADIUS: 0.190

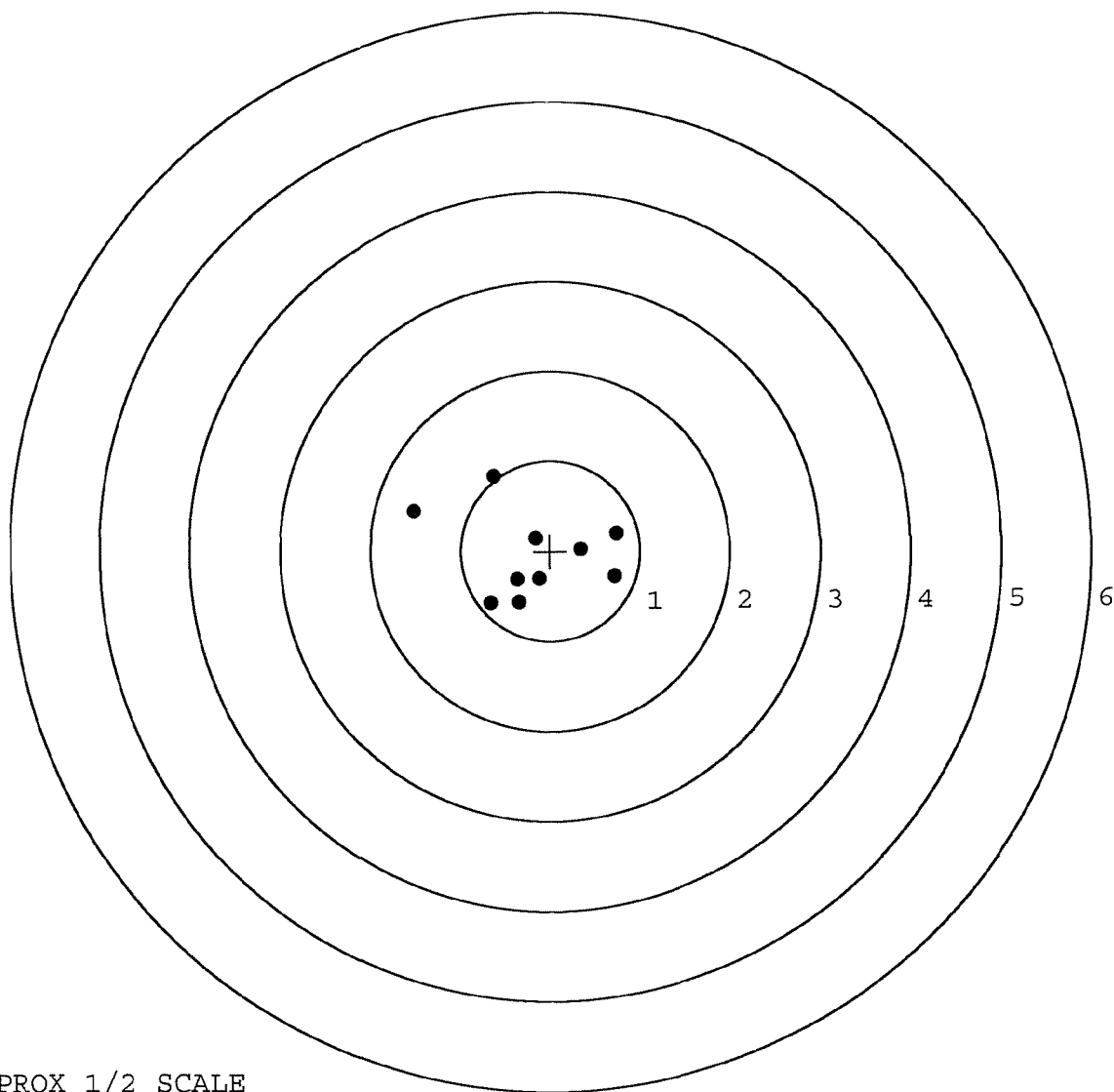
MAX RADIUS: 1.398

MEAN RADIUS: 0.691

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

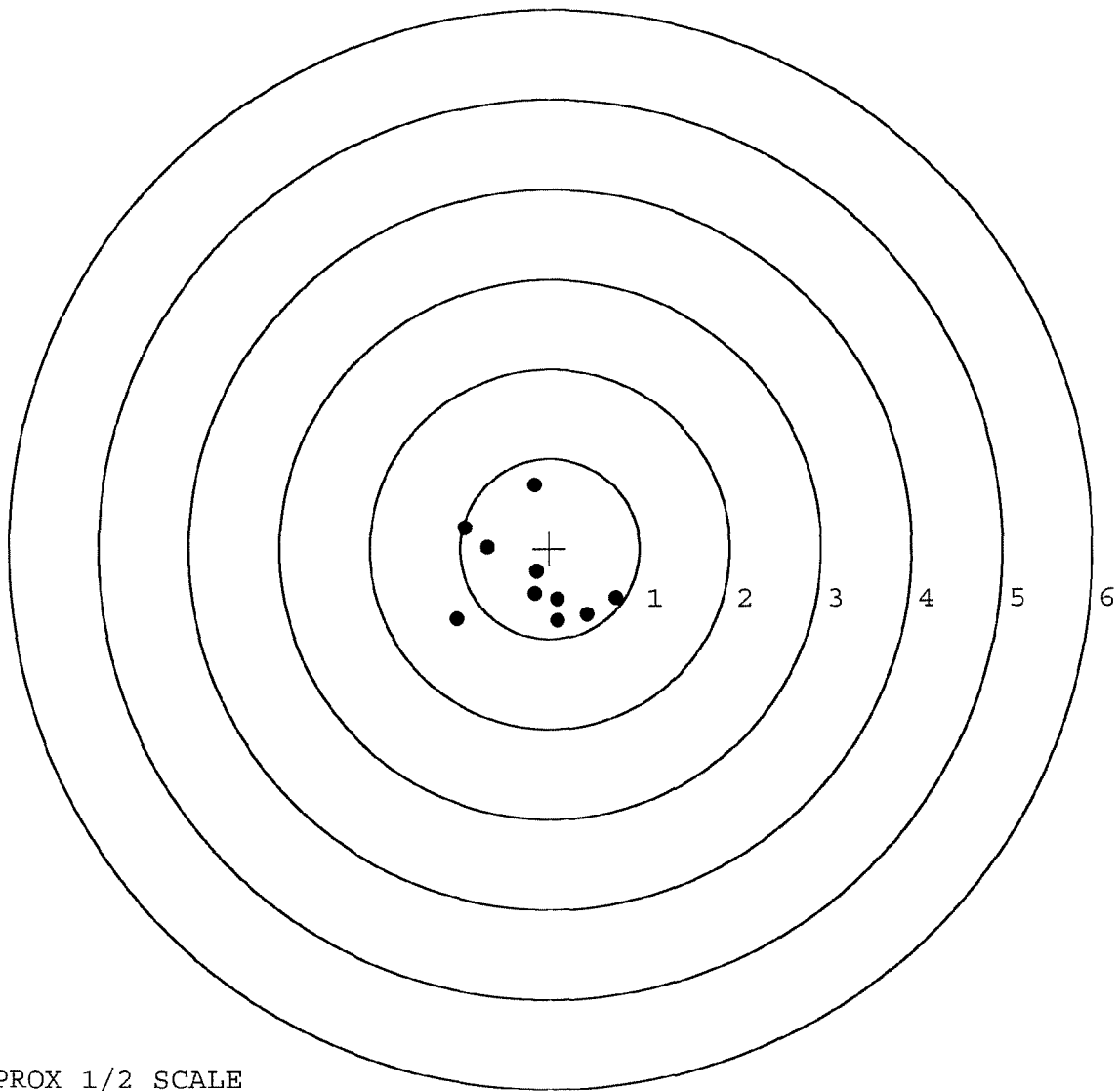


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523349. __ 0
TARGET NUMBER: 3
FILE DATE: 03/13/2002
FILE TIME: 10:52

X CENTROID: -0.185
Y CENTROID: -0.322
POA TO CENTROID: 0.371
HORZ SPREAD: 1.782
VERT SPREAD: 1.508
GROUP SPREAD: 1.725
MIN RADIUS: 0.076
MAX RADIUS: 1.027
MEAN RADIUS: 0.642
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.739	-0.550
2:	0.416	-0.727
3:	0.091	-0.803
4:	0.087	-0.563
5:	-0.149	-0.255
6:	-0.171	-0.505
7:	-0.953	0.239
8:	-0.698	0.019
9:	-1.043	-0.781
10:	-0.167	0.705

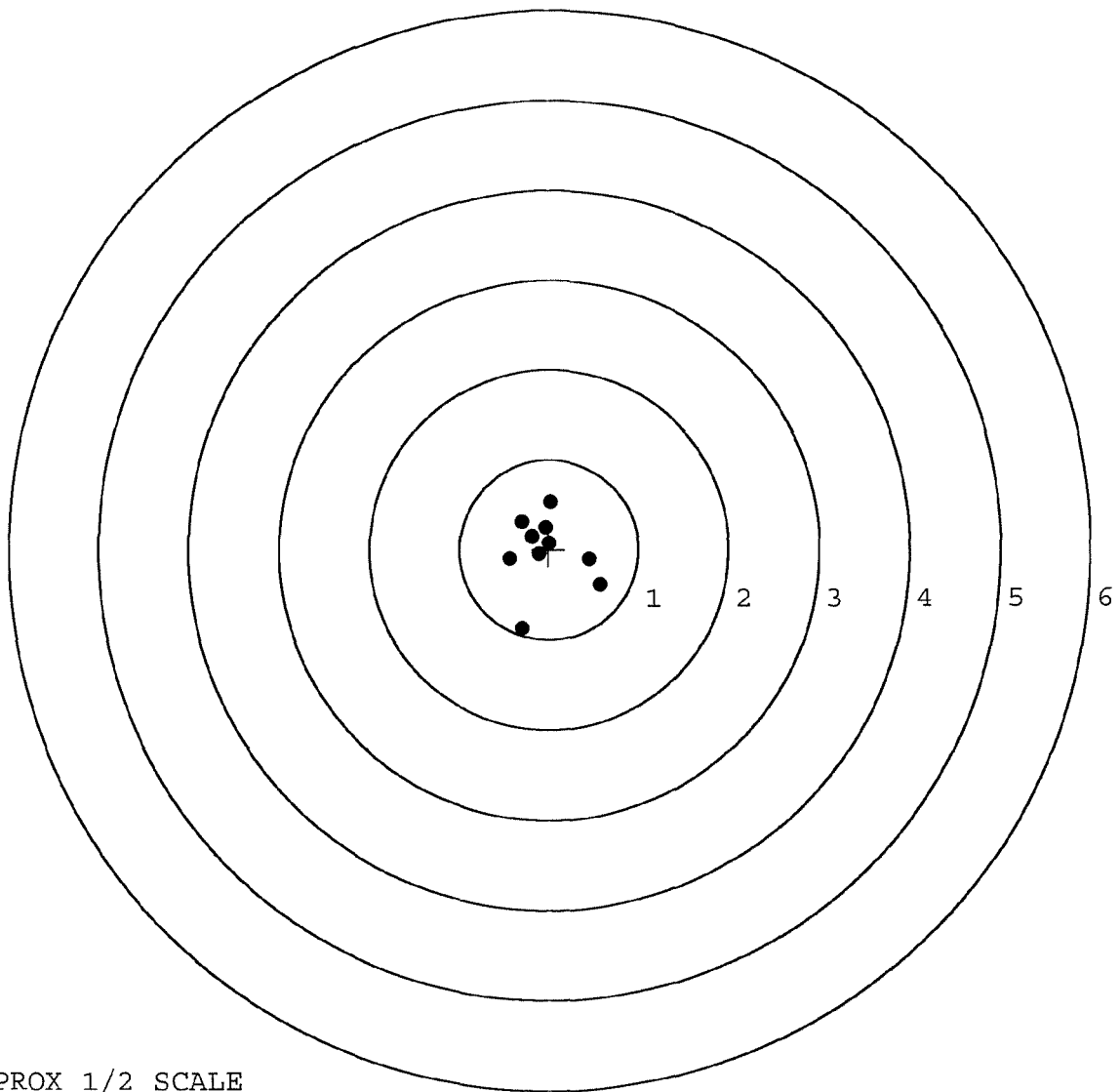


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523349. __0
TARGET NUMBER: 4
FILE DATE: 03/13/2002
FILE TIME: 10:52

X CENTROID: -0.031
Y CENTROID: -0.026
POA TO CENTROID: 0.040
HORZ SPREAD: 1.013
VERT SPREAD: 1.414
GROUP SPREAD: 1.452
MIN RADIUS: 0.083
MAX RADIUS: 0.903
MEAN RADIUS: 0.420
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.577	-0.394
2:	0.456	-0.111
3:	-0.306	-0.886
4:	0.022	0.528
5:	-0.305	0.310
6:	-0.030	0.243
7:	0.008	0.072
8:	-0.108	-0.058
9:	-0.436	-0.103
10:	-0.188	0.141

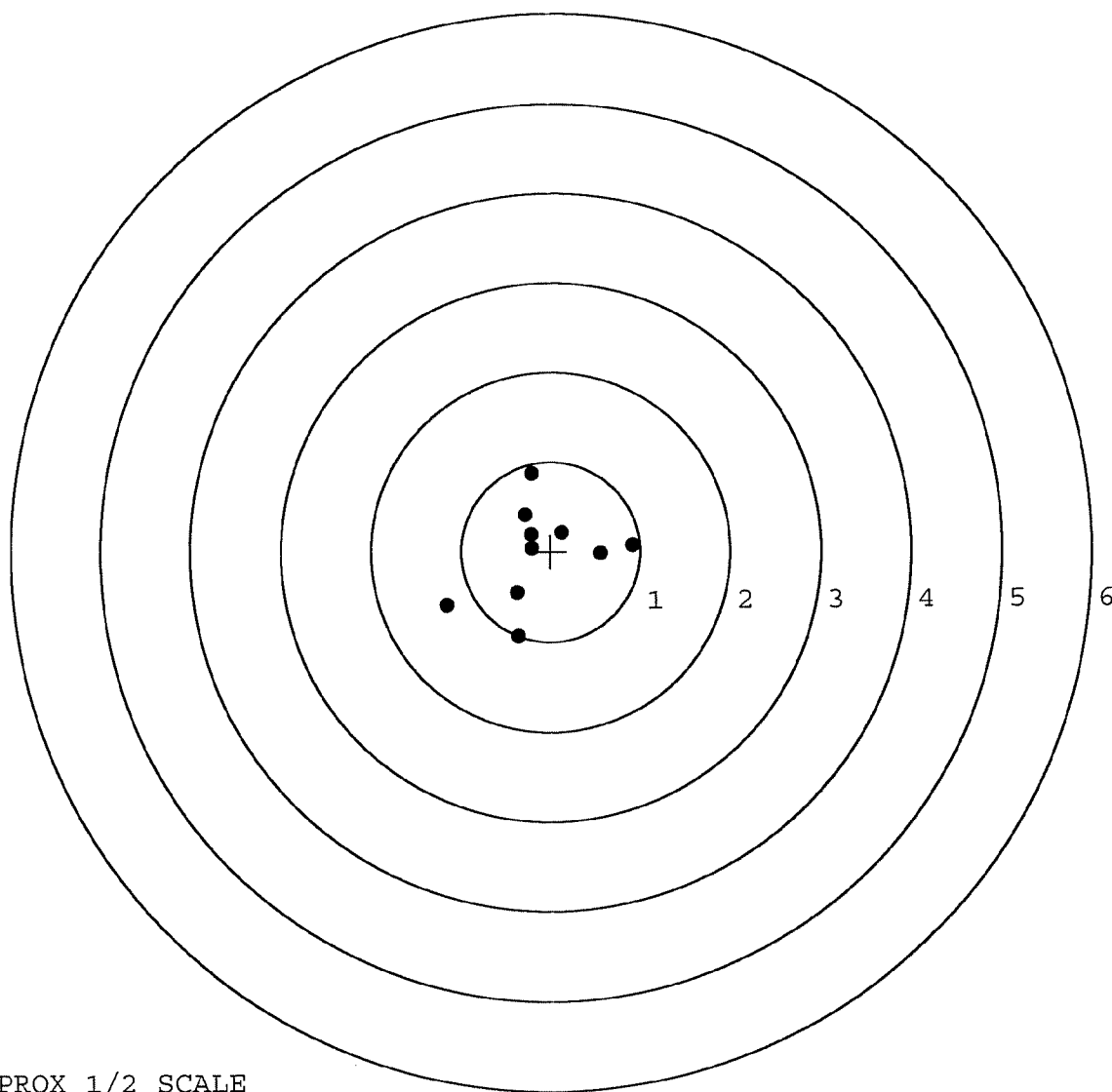


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523349. __0
TARGET NUMBER: 5
FILE DATE: 03/13/2002
FILE TIME: 10:52

X CENTROID: -0.120
Y CENTROID: -0.024
POA TO CENTROID: 0.123
HORZ SPREAD: 2.081
VERT SPREAD: 1.809
GROUP SPREAD: 2.185
MIN RADIUS: 0.107
MAX RADIUS: 1.191
MEAN RADIUS: 0.641
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.917	0.066
2:	0.561	-0.027
3:	-0.361	-0.941
4:	-0.375	-0.460
5:	-1.164	-0.599
6:	-0.208	0.038
7:	0.131	0.213
8:	-0.281	0.408
9:	-0.214	0.191
10:	-0.211	0.868



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 42314

SERIAL NUMBER C 6523349

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/1/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RH
B	DRILL AND TAP	3/5/02	RH
C	POLISH		
575	ASSEMBLE	3/6/02	RH
600	PROOF	3-6-02	MAGNA-FLUX INSPECTED
605	CHECK HEADSPACE	3-6-02	MAR 2002
610	DIS-ASSEMBLE GUN	3/6/02	OPERATOR RH
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3/7/02	TLD
618	ROTO-BLAST	3/8	JW
620	APPLY COATINGS	3-8	TA
625 A	FINAL ASSEMBLY	3/13/02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-14-02	RW
655	FINAL INSPECT	3-14-02	RW
660	PACK	3-15-02	RL
		3-15-02	RA
		SHIP DATE	
		QAR INSPECTION DATE	




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

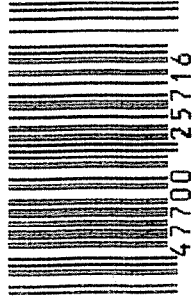
MODEL 700™ H24

SERIAL NO. C6523349

ORDER NO. 5716

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

UPC



0 47700 25716 7



5716 C6523349

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # 06523349

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	LL
617	Drill and Tap Sight Holes		9/28/90	LB
618	Polish Barrel AB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/16/90	JP

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/17/90	WB
	G) Safety Off Force	2	2	2			10/17/90	WB
	H) Trigger Pull Test & Retainability						10/16/90	JH
	I) Firing Pin Indent	.0205	.0205	.0205			10/17/90	WB
	J) Assemble Stock						10/22/90	RW
	K) Assemble Swivel Studs						2/18/90	JSS
	L) Attach Front and Rear Sight Assemblies						10/22/90	RW
	M) Iron Sight Alignment						10/22/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/22/90	RW
	O) Attach Scope to Rifle						10/23/90	RW
	P) Detach & Attach Scope 20 Times						10/23/90	RW
640	Gallery Target & Test						10-25-90	KT
	A) Time						10-25-90	KT
	B) Malfunctions						10-25-90	KT
	C) Pierced Primers						10-25-90	KT
	D) Optical Clarity of Scope						10-25-90	KT
645	Inspect for Live Ammo						10-25-90	KT
655	Final Inspection							
	A) Headspace						2/18/90	JSS
	B) Trigger Pull	232	243	247	248	252	2/18/90	JSS
	C) Function						2/18/90	JSS
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6523349

DATE 10/16/90

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.41	2.19	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.41	2.29	2.43	
PULL #3	2.50	2.28	2.36	2.47	
PULL #4	2.47	2.22	2.41	2.48	
PULL #5	2.32	2.30	2.27	2.52	
TOTAL	11.67	11.62	11.52		
AVG.	2.334	2.324	2.304		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.27		
PULL #2	3.27	3.36		
PULL #3	3.27	3.31		
PULL #4	3.27	3.37		
PULL #5	3.26	3.33		
TOTAL	16.32	16.64		
AVG.	3.264	3.328		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.32		4.29
PULL #2	4.26	4.30		4.30
PULL #3	4.29	4.28		4.26
PULL #4	4.18	4.31		4.23
PULL #5	4.30	4.30		4.29
TOTAL	21.36	21.51		21.37
AVG.	4.272	4.302		4.274

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523349
26 Oct 1990

CENTROIDAL DISTANCES

0 TO 1	.0877838
1 TO 2	.268555
1 TO 3	.282846
1 TO 4	.428077
1 TO 5	.174642

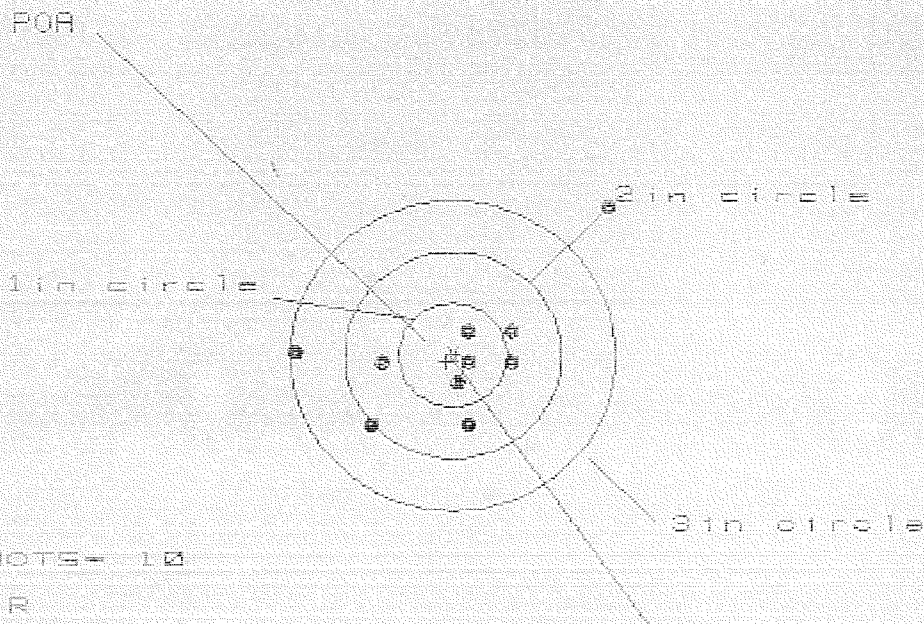
4E (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0296
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0948
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0993136
THE AMR FOR THIS RIFLE IS: .863

28 Oct 1938

FILE:/PATTERNING/CENTERFIRE_PATT/06523349

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 8

3 in = 8

HS= 2.836

VS= 2.890

GS= 3.153

CENTROID *

PATTERN #

1

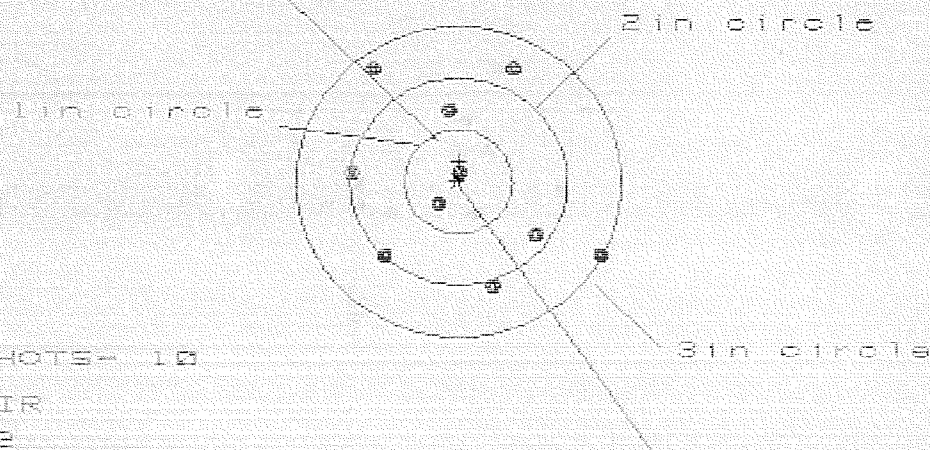
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.415	.730	.573
MINIMUM X	-1.421	-1.264	-.713
MAXIMUM Y	1.388	.389	.409
MINIMUM Y	-.702	-.547	-.527
CENTROID X	.059	-.098	.059
CENTROID Y	.065	-.090	-.110
POA TO CENTROID in.	.087	.133	.125
MIN RADIUS	.187	.197	.104
MEAN RADIUS	.759	.626	.500
MAX RADIUS	1.982	1.274	.871
HORIZONTAL SPREAD	2.836	1.994	1.285
VERTICAL SPREAD	2.090	.936	.936
EXTREME SPREAD	3.153	2.006	1.575
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

26 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06523349

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.314

VS= 2.113

GS= 2.769

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.312	.862	.785
MINIMUM X	:	-1.002	-.857	-.934
MAXIMUM Y	:	1.116	1.036	1.165
MINIMUM Y	:	-.997	-1.077	-.940
CENTROID X	:	-.012	-.157	-.080
CENTROID Y	:	-.194	-.114	-.243
POA TO CENTROID in.	:	.194	.194	.256
MIN RADIUS	:	.100	.128	.155
MEAN RADIUS	:	.909	.832	.775
MAX RADIUS	:	1.496	1.267	1.285
HORIZONTAL SPREAD	:	2.314	1.719	1.719
VERTICAL SPREAD	:	2.113	2.113	2.113
EXTREME SPREAD	:	2.769	2.375	2.169
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

28 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523349

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS = 2.394

VS = 1.424

GS = 2.560

CENTROID *

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.234	1.201	1.073
MINIMUM X	-1.160	-1.023	-.854
MAXIMUM Y	.936	1.001	.968
MINIMUM Y	-.488	-.423	-.456
CENTROID X	-.140	-.277	-.149
CENTROID Y	-.136	-.201	-.168
POA TO CENTROID in.	.195	.342	.225
MIN RADIUS	.356	.501	.376
MEAN RADIUS	.844	.781	.734
MAX RADIUS	1.364	1.213	1.092
HORIZONTAL SPREAD	2.394	2.224	1.927
VERTICAL SPREAD	1.424	1.424	1.424
EXTREME SPREAD	2.560	2.226	1.928
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

26 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523349

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.640

VS= 2.638

GS= 2.773

CENTROID *

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.111

.941

.913

MINIMUM X

-1.529

-1.075

-1.103

MAXIMUM Y

1.503

1.431

.875

MINIMUM Y

-1.135

-1.207

-1.028

CENTROID X

-.274

-.104

-.076

CENTROID Y

-.204

-.132

-.311

POA TO CENTROID in.

.341

.168

.320

MIN RADIUS

.427

.505

.540

MEAN RADIUS

1.047

.963

.896

MAX RADIUS

1.658

1.616

1.507

HORIZONTAL SPREAD

2.640

2.016

2.016

VERTICAL SPREAD

2.638

2.638

1.903

EXTREME SPREAD

2.773

2.773

2.585

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

4

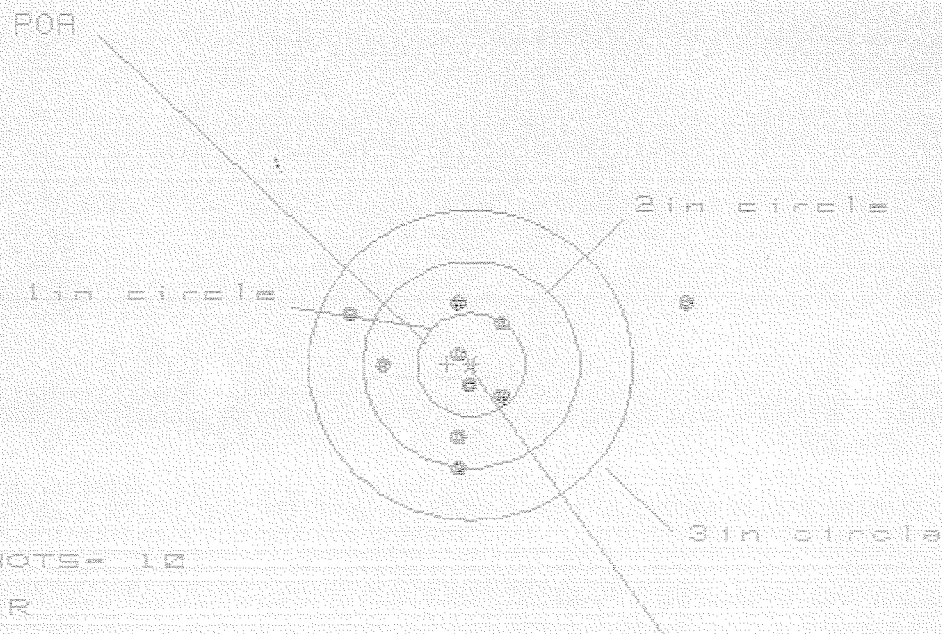
NUMBER IN THREE INCH CIRCLE =

8

26 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523349

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 3.111

VS= 1.582

GS= 3.114

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POA TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE INCH CIRCLE =

NUMBER IN TWO INCH CIRCLE =

NUMBER IN THREE INCH CIRCLE =

5

10

9

8

1.943

.506

.397

-1.168

-1.952

-1.705

.598

.624

.689

-1.984

-.918

-.853

.219

.003

.122

-.005

-.071

-.136

.219

.071

.183

.136

.198

.066

.756

.610

.522

2.033

1.006

.855

3.111

1.458

1.092

1.592

1.542

1.542

3.114

1.756

1.543

4

4

8

8

9

9

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18284

INITIAL
FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 91-0095

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6523349 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

CUST NO: 098397 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

Trigger Assy \$173.31
CTI 50.00
\$223.31

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN
GALLERY TESTER DATE DATE DATE DATE DATE

10/26

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523349
DATE 12-19-94
TESTER BM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.70	2.48	2.52		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.58	2.46		
PULL #3	2.61	2.60	2.48		
PULL #4	2.55	2.65	2.46		
PULL #5	2.53	2.54	2.57		
TOTAL	13.05	12.85	12.49		
AVG.	2.61	2.57	2.49		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	2.99		
PULL #2	3.05	2.97		
PULL #3	3.06	2.98		
PULL #4	3.11	3.28		
PULL #5	3.06	3.19		
TOTAL	15.37	15.41		
AVG.	3.07	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.04		4.02
PULL #2	4.04	4.09		4.03
PULL #3	4.24	4.22		4.23
PULL #4	4.27	3.99		4.18
PULL #5	4.00	4.25		3.99
TOTAL	20.72	20.59		20.45
AVG.	4.14	4.11		4.09

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523349

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607.	Check Headspace			
610	Dis-assemble Gun			
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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			12/1	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			12/1	WB
	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							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.82	2.82	2.79	2.82	2.79	12/1	WB
	C) Function							
660	Pack							