

C6522147

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead®

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: **RE00110481** Serial: C6522147 Model: M24 SWS Center Fire
 Verify Repair Caliber: 7.62 NATO Repairman: Status: Closed 3/29/2006 11:41:36 AM

Address Information

Customer: Received From: Return To: Received From:

Name: C CO 3/89TH CAV C CO 3/89TH CAV

Address 1: 1052 ALABAMA AVE SUITE 103 1052 ALABAMA AVE SUITE 103

Address 2: PD Box: PD Box:

City: FORT POLK FORT POLK

State: LA Zip Code: 71459 Country: US State: LA Zip Code: 71459 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
C000	FRT AND REAR SGT	1

Repair Search Refresh Close

naglet 3/29/2006 12:46 PM CAPS NUM INS SCRL

start 4 M. Ar... 3 M. 2 I.. Pa... En... My... Re... 12:46 PM

Serial Number: **C6522147**

Model: **M24 SWS**

RE00110481

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522147.___0

FILE DATE AND TIME: 04/13/2006 14:45

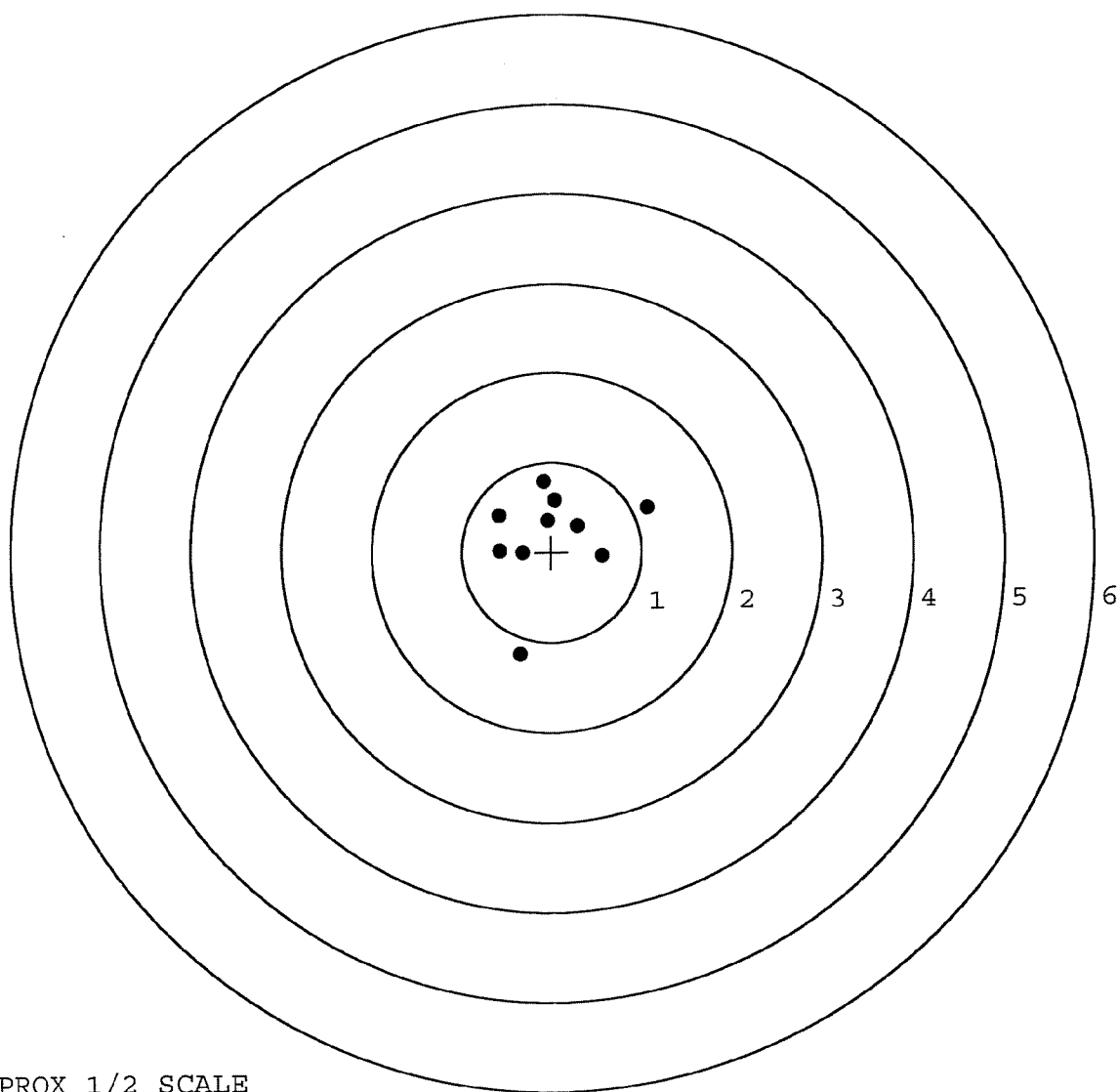
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.155
The Average Y Centroid of the Five Target Set:	0.235
The Average Point of Impact of the Five Target Set:	0.282
The Average Mean Radius of the Five Target Set:	0.597
The Distance from POA to Centroid Target #1:	0.172
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.485
The Distance from Centroid Target #4 to Centroid Target #1:	0.423
The Distance from Centroid Target #5 to Centroid Target #1:	0.426

SERIAL NUMBER: C6522147. 0
 TARGET NUMBER: 1
 FILE DATE: 04/13/2006
 FILE TIME: 14:45

POINT#	X	Y
1:	1.061	0.485
2:	0.566	-0.047
3:	-0.358	-1.139
4:	-0.582	0.413
5:	-0.576	0.016
6:	-0.320	-0.013
7:	0.288	0.290
8:	-0.045	0.351
9:	-0.085	0.781
10:	0.042	0.579

X CENTROID: -0.001
 Y CENTROID: 0.172
 POA TO CENTROID: 0.172
 HORZ SPREAD: 1.643
 VERT SPREAD: 1.920
 GROUP SPREAD: 2.157
 MIN RADIUS: 0.185
 MAX RADIUS: 1.358
 MEAN RADIUS: 0.619
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

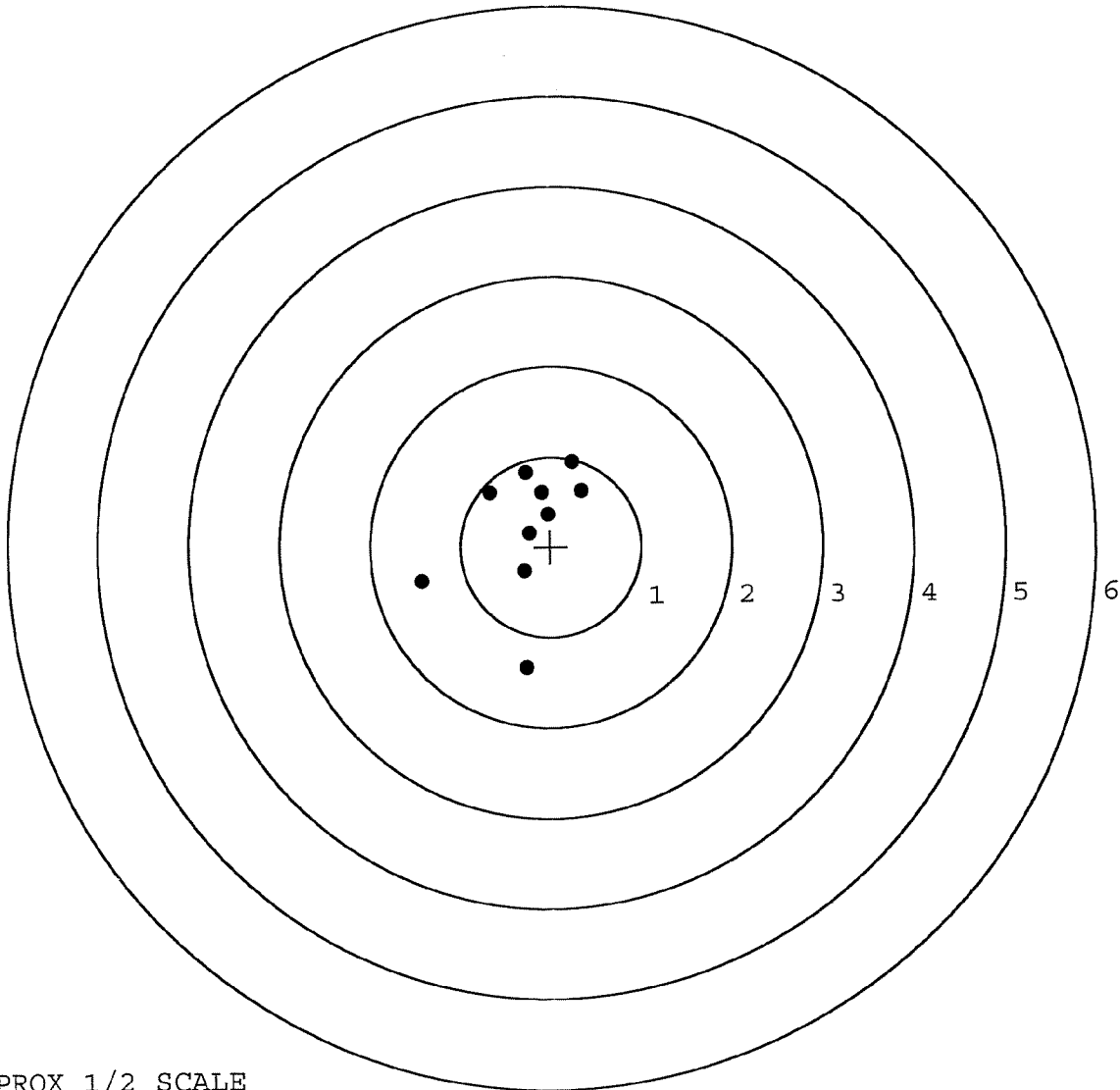


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522147. __0
 TARGET NUMBER: 2
 FILE DATE: 04/13/2006
 FILE TIME: 14:45

POINT#	X	Y
1:	0.241	0.942
2:	0.341	0.625
3:	-0.275	0.828
4:	-0.670	0.607
5:	-1.431	-0.379
6:	-0.275	-1.343
7:	-0.295	-0.272
8:	-0.236	0.159
9:	-0.031	0.365
10:	-0.098	0.608

X CENTROID: -0.273
 Y CENTROID: 0.214
 POA TO CENTROID: 0.347
 HORZ SPREAD: 1.772
 VERT SPREAD: 2.285
 GROUP SPREAD: 2.343
 MIN RADIUS: 0.066
 MAX RADIUS: 1.557
 MEAN RADIUS: 0.693
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

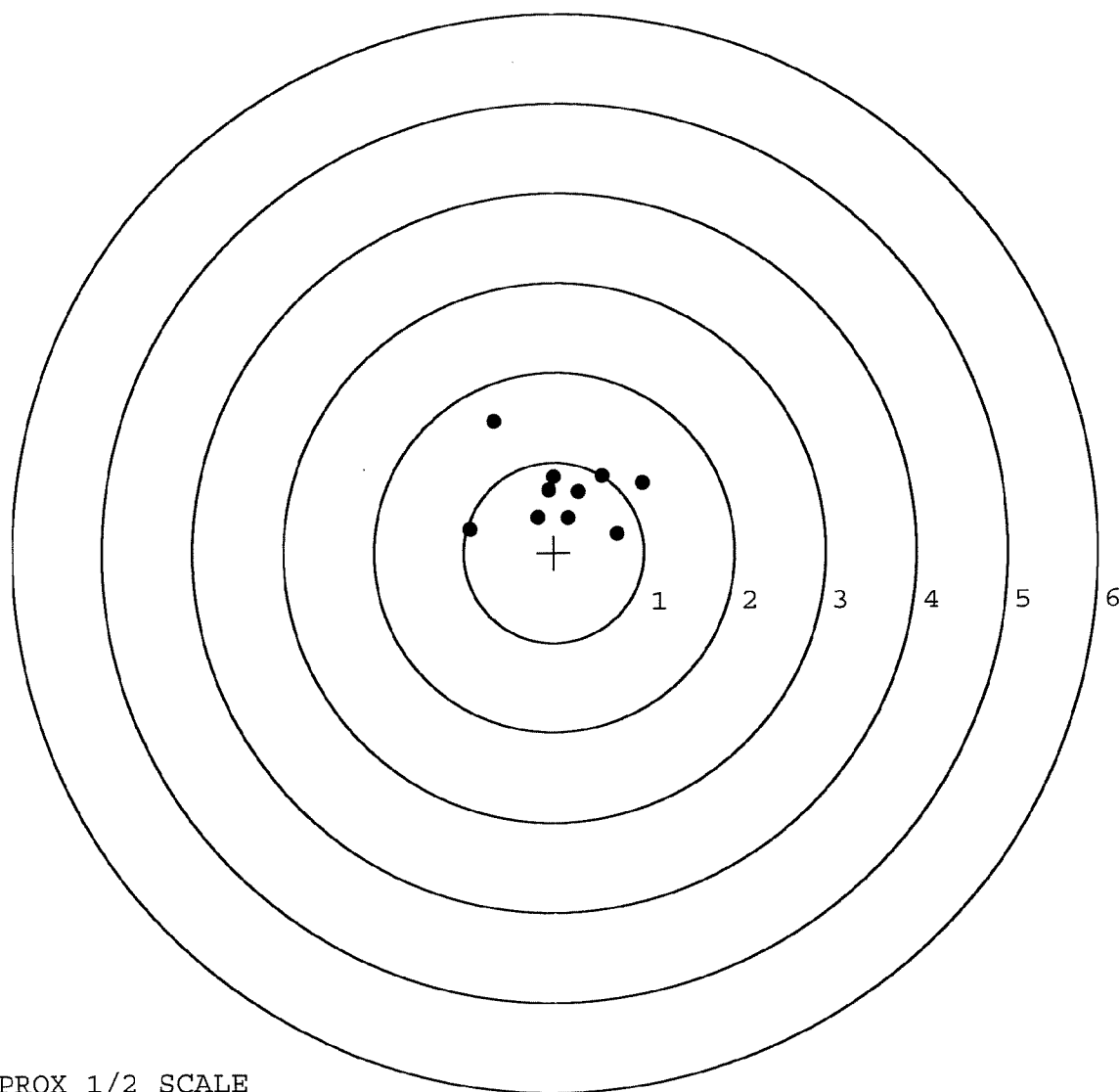


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522147. __0
 TARGET NUMBER: 3
 FILE DATE: 04/13/2006
 FILE TIME: 14:45

POINT#	X	Y
1:	0.982	0.761
2:	0.537	0.842
3:	0.705	0.201
4:	0.004	0.836
5:	0.276	0.669
6:	0.160	0.381
7:	-0.174	0.390
8:	-0.059	0.689
9:	-0.932	0.263
10:	-0.665	1.460

X CENTROID: 0.083
 Y CENTROID: 0.649
 POA TO CENTROID: 0.655
 HORZ SPREAD: 1.914
 VERT SPREAD: 1.259
 GROUP SPREAD: 1.861
 MIN RADIUS: 0.148
 MAX RADIUS: 1.103
 MEAN RADIUS: 0.554
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



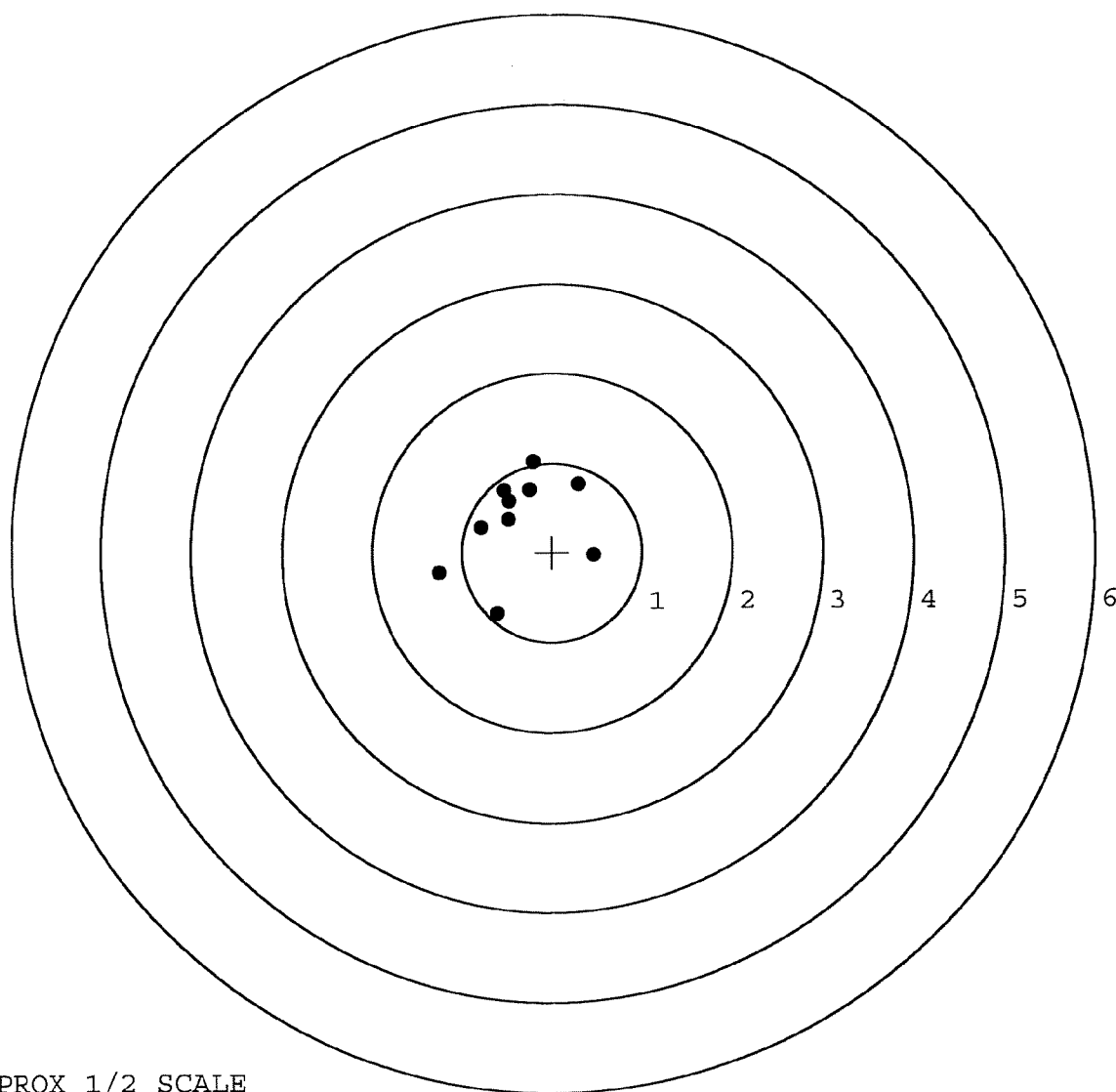
TARGET APPROX 1/2 SCALE

BARBER - M24 0003637

SERIAL NUMBER: C6522147. __0
 TARGET NUMBER: 4
 FILE DATE: 04/13/2006
 FILE TIME: 14:45

POINT#	X	Y
1:	0.296	0.765
2:	-0.208	1.017
3:	-0.249	0.701
4:	-0.476	0.578
5:	-0.481	0.369
6:	-0.791	0.286
7:	-0.539	0.697
8:	-1.260	-0.232
9:	-0.611	-0.681
10:	0.464	-0.034

X CENTROID: -0.385
 Y CENTROID: 0.347
 POA TO CENTROID: 0.518
 HORZ SPREAD: 1.724
 VERT SPREAD: 1.698
 GROUP SPREAD: 1.745
 MIN RADIUS: 0.098
 MAX RADIUS: 1.052
 MEAN RADIUS: 0.604
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0003638

SERIAL NUMBER: C6522147. 0

TARGET NUMBER: 5

FILE DATE: 04/13/2006

FILE TIME: 14:45

POINT#	X	Y
1:	-0.772	0.562
2:	-0.559	0.448
3:	-0.663	-0.219
4:	-0.516	-0.616
5:	-0.159	-0.178
6:	0.251	-0.233
7:	0.657	-0.494
8:	0.231	-0.572
9:	-0.419	-0.428
10:	-0.037	-0.325

X CENTROID: -0.199

Y CENTROID: -0.206

POA TO CENTROID: 0.286

HORZ SPREAD: 1.429

VERT SPREAD: 1.178

GROUP SPREAD: 1.777

MIN RADIUS: 0.048

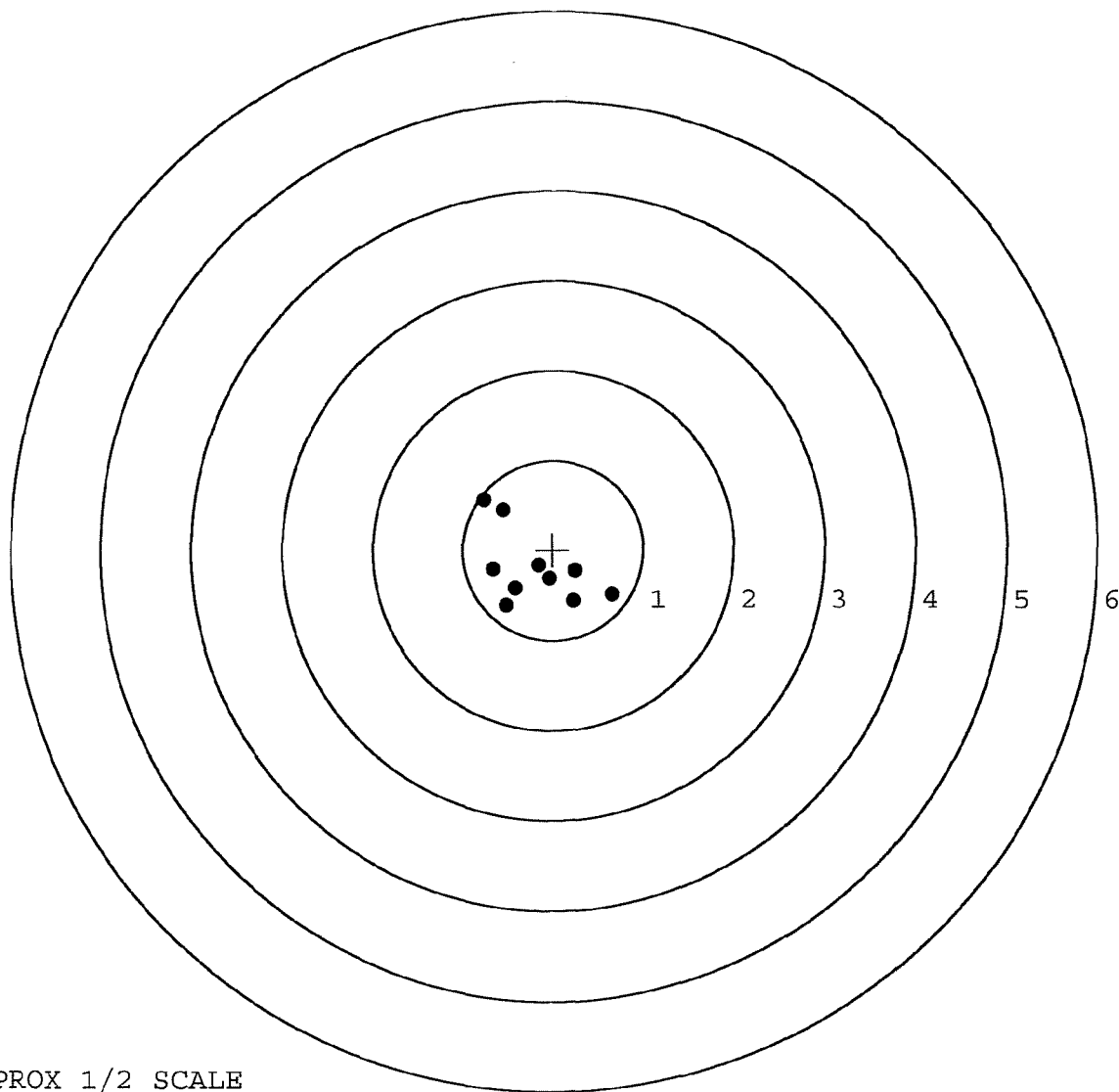
MAX RADIUS: 0.958

MEAN RADIUS: 0.517

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	710481		
SERIAL NUMBER	C6522147		
LOG-IN DATE	3-29-06		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-30-06	RTZ
560 A	RE-BARREL	4-3-06	RTZ
B	DRILL AND TAP	4-4-06	TRW
575	ASSEMBLE	4-4-06	RTZ
600	PROOF	4-4-06	TRW
605	CHECK HEADSPACE	4-4-06	TRW
610	DIS-ASSEMBLE GUN	4-4-06	RTZ
612	MAGNAFLUX	4-5-06	APP
615	ROLLMARK CALIBER	4-5-06	CLW
618	ROTO-BLAST	4-5-06	LB
620	APPLY COATINGS	4/6/06	TRW
625 A	FINAL ASSEMBLY	4-10-06	RTZ
B	TRIGGER PULL TEST	4-17-06	AK
C	SAFETY "ON" FORCE	4-17-06	AK
D	SAFETY "OFF" FORCE	4-17-06	AK
E	FIRING PIN INDENT	4-17-06	AK
640	TARGET	4-13-06	MTW
655	FINAL INSPECT	4-17-06	AK
660	PACK	4-18-06	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER WJKPGO	1b. CUSTOMER UNIT NAME Ceo 389 Cav	1c. PHONE NO 531-8281	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID	7. NSN 1405012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M24	9. NOUN Sniper Rifle		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R	
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
11. SERIAL NUMBER 44522147	12. QTY 1	13. PD 05	21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			23. SIGNATURE Jon R. Gardner		24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (do not IN prescribe repairs) The weapon is showing signs of being shot out the round count 15 7, 858 rounds Poc: Ssg Thomas Bailey 337-53-8287	
25. REMARKS						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I			SECTION III (Cont'd)			
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II						
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.						
SECTION III						
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.						
34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE	Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.			
34b. DATE	35b. STATUS	35d. TIME				

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

Remington[®]

MODEL 700TM M24

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

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

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6522147

ORDER NO.
5716

01

LPC

0 47700 25716 7

5716 C6522147

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522147

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	6 29	90	RW
610	Dis-assemble Gun	6 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR.
615	Rollmark Caliber		7-12-90	G.S.
617	Drill and Tap Sight Holes		7/13/90	FB
618	Polish Barrel RB		7/16/90	W.C.
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-12-90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/10/90	XL
	G) Safety Off Force	3	3	3			8/10/90	XL
	H) Trigger Pull Test & Retainability						9-12-90	XL
	I) Firing Pin Indent	.0225	.0225	.0225			8/10/90	XL
	J) Assemble Stock						8/13/90	RW
	K) Assemble Swivel Studs						9/12/90	JS
	L) Attach Front and Rear Sight Assemblies						8/13/90	RW
	M) Iron Sight Alignment						8/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/13/90	RW
	O) Attach Scope to Rifle						8/13/90	RW
	P) Detach & Attach Scope 20 Times						8/13/90	RW
640	Gallery Target & Test						8-13-90	XL
	A) Time						"	XL
	B) Malfunctions						"	XL
	C) Pierced Primers						"	XL
	D) Optical Clarity of Scope						"	XL
645	Inspect for Live Ammo						8-13-90	XL
655	Final Inspection							
	A) Headspace						9/12/90	JS
	B) Trigger Pull	2.21	2.35	2.37	2.41	2.37	9-12-90	XL
	C) Function						9/12/90	JS
660	Pack						2/19/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6522147

DATE 9-12-90

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.40	2.41	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.12	2.38	2.39	2.35	
PULL #3	2.40	2.31	2.37	2.37	
PULL #4	2.44	2.44	2.39	2.41	
PULL #5	2.49	2.41	2.38	2.37	
TOTAL	11.81	11.94	11.94	11.71	
AVG.	2.362	2.388	2.388	2.342	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.28		
PULL #2	3.16	3.27		
PULL #3	3.16	3.26		
PULL #4	3.14	3.29		
PULL #5	3.13	3.30		
TOTAL	15.71	16.40		
AVG.	3.142	3.28		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.12		4.23
PULL #2	4.21	4.34		4.26
PULL #3	4.19	4.14		4.14
PULL #4	4.19	4.27		4.31
PULL #5	4.12	4.22		4.20
TOTAL	20.88	21.09		21.14
AVG.	4.176	4.218		4.228

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06522147
14 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.376198
1 TO	2	.21225
1 TO	3	.586059
1 TO	4	.434937
1 TO	5	.0721249

5 to 4 ←---POB

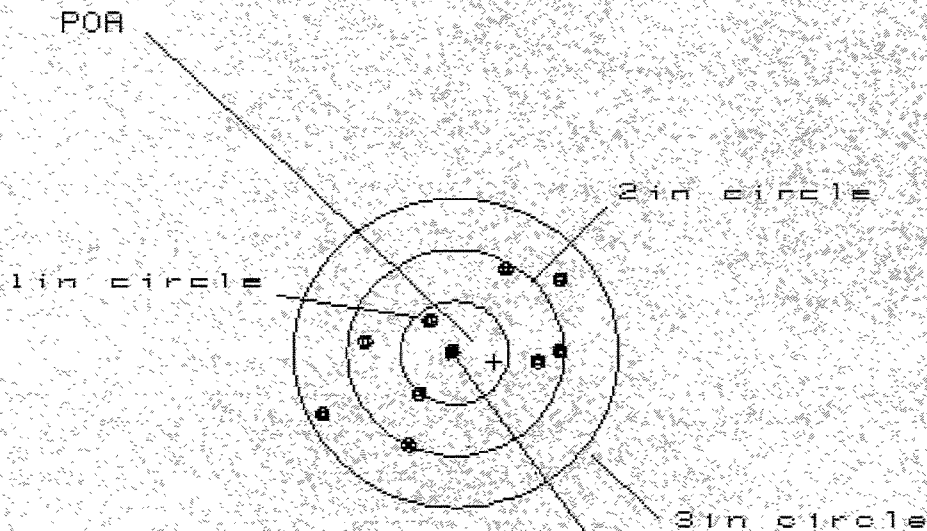
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1672
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0344
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .170702

THE AMR FOR THIS RIFLE IS: .9046

13 Aug 1990

FILE: /PATTERNING/CENTERFIRE_PATT/06522147

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.129

VS= 1.728

GS= 2.473

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.944	.812	.901
MINIMUM X	-1.185	-.942	-.840
MAXIMUM Y	.810	.745	.821
MINIMUM Y	-.918	-.983	-.907
CENTROID X	-.366	-.234	-.336
CENTROID Y	.087	.152	.076
POA TO CENTROID in.	.376	.279	.344
MIN RADIUS	.076	.208	.108
MEAN RADIUS	.784	.729	.675
MAX RADIUS	1.322	1.146	1.030
HORIZONTAL SPREAD	2.129	1.754	1.741
VERTICAL SPREAD	1.728	1.728	1.728
EXTREME SPREAD	2.473	2.121	1.936
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522147

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 8

HS= 1.565

VS= 2.988

GS= 3.126

CENTROID #

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	.712
MINIMUM X	-.853
MAXIMUM Y	1.706
MINIMUM Y	-1.282
CENTROID X	-.221
CENTROID Y	-.068
POA TO CENTROID in.	.231
MIN RADIUS	.080
MEAN RADIUS	.778
MAX RADIUS	1.707
HORIZONTAL SPREAD	1.565
VERTICAL SPREAD	2.988
EXTREME SPREAD	3.126
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	8

13 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522147

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.724

VS= 2.686

GS= 2.836

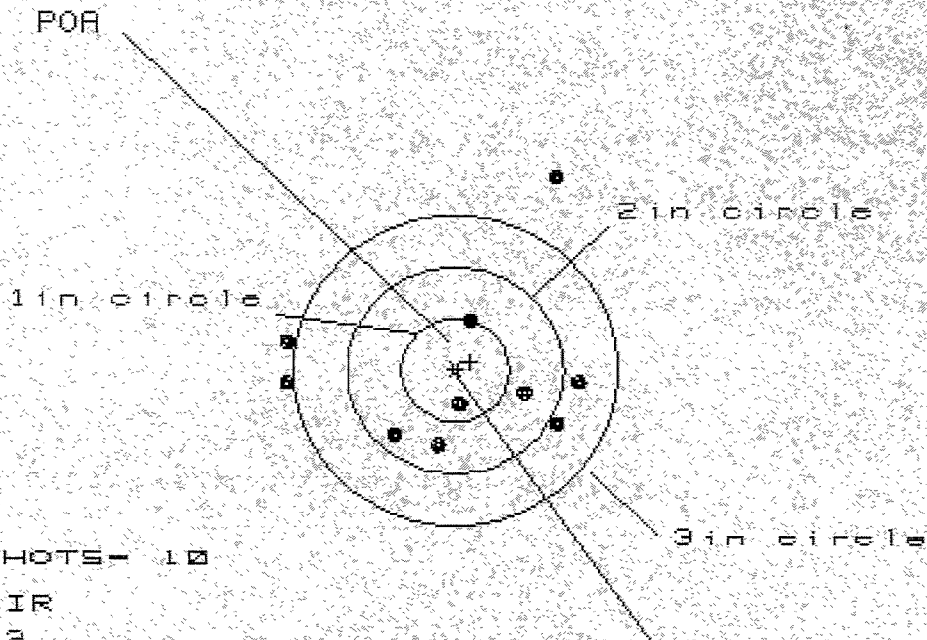
CENTROID #

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.616
MINIMUM X	-1.108
MAXIMUM Y	1.587
MINIMUM Y	-1.099
CENTROID X	.205
CENTROID Y	-.045
POA TO CENTROID in.	.210
MIN RADIUS	.227
MEAN RADIUS	.886
MAX RADIUS	1.658
HORIZONTAL SPREAD	1.724
VERTICAL SPREAD	2.686
EXTREME SPREAD	2.836
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522147

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.760

VS= 2.567

GS= 3.185

CENTROID *

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.161	1.270	1.084
MINIMUM X	-1.599	-1.490	-1.632
MAXIMUM Y	1.035	.659	.725
MINIMUM Y	-.732	-.528	-.462
CENTROID X	-.139	-.248	-.062
CENTROID Y	-.080	-.284	-.350
POA TO CENTROID in.	.160	.377	.356
MIN RADIUS	.355	.232	.078
MEAN RADIUS	1.061	.916	.784
MAX RADIUS	2.084	1.582	1.643
HORIZONTAL SPREAD	2.760	2.760	2.716
VERTICAL SPREAD	2.567	1.187	1.187
EXTREME SPREAD	3.185	2.802	2.717
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

13 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522147

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.674

VS= 3.159

GS= 3.673

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.382	1.238	.961
MINIMUM X	-1.292	-.857	-.702
MAXIMUM Y	1.960	.895	.852
MINIMUM Y	-1.199	-.981	-1.024
CENTROID X	-.315	-.171	-.326
CENTROID Y	.138	-.080	-.037
POA TO CENTROID in.	.344	.189	.328
MIN RADIUS	.022	.269	.195
MEAN RADIUS	1.014	.875	.806
MAX RADIUS	2.348	1.303	1.242
HORIZONTAL SPREAD	2.674	2.095	1.663
VERTICAL SPREAD	3.159	1.876	1.876
EXTREME SPREAD	3.673	2.191	2.171
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	