

C6523376

MODEL 700TM M24

Model **SWS** TM

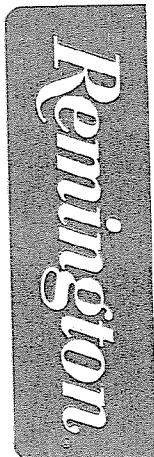
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00139085

Serial: C6523376 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Verify Repair

Status:

Closed 1/4/2008 1:50:16 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: BLDG 49015 CRSP

BLDG 49015 CRSP

Address 2: SANTA FE AVE

PO Box:

SANTA FE AVE

PO Box:

City: FORT HOOD

FORT HOOD

State: TX

Zip Code: 76544

Country: US

State: TX

Zip Code: 76544

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

1/7/2008

12:44 PM

CAPS

NUM

INS

SCRL

start

5 Mic...

Google...

2 Mic...

Arms S...

Part S...

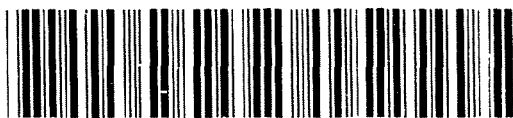
SAP Lo...

12:44 PM

Serial
Number:

C6523376

Model: M24 SWS



RE00139085

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523376.___0
FILE DATE AND TIME: 02/05/2008 07:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.023
The Average Y Centroid of the Five Target Set:	0.051
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.704
The Distance from POA to Centroid Target #1:	0.117
The Distance from Centroid Target #2 to Centroid Target #1:	0.437
The Distance from Centroid Target #3 to Centroid Target #1:	0.266
The Distance from Centroid Target #4 to Centroid Target #1:	0.127
The Distance from Centroid Target #5 to Centroid Target #1:	0.162

SERIAL NUMBER: C6523376. __0

TARGET NUMBER: 1

FILE DATE: 02/05/2008

FILE TIME: 07:46

X CENTROID: 0.026

Y CENTROID: -0.114

POA TO CENTROID: 0.117

HORZ SPREAD: 2.098

VERT SPREAD: 2.586

GROUP SPREAD: 2.669

MIN RADIUS: 0.169

MAX RADIUS: 1.770

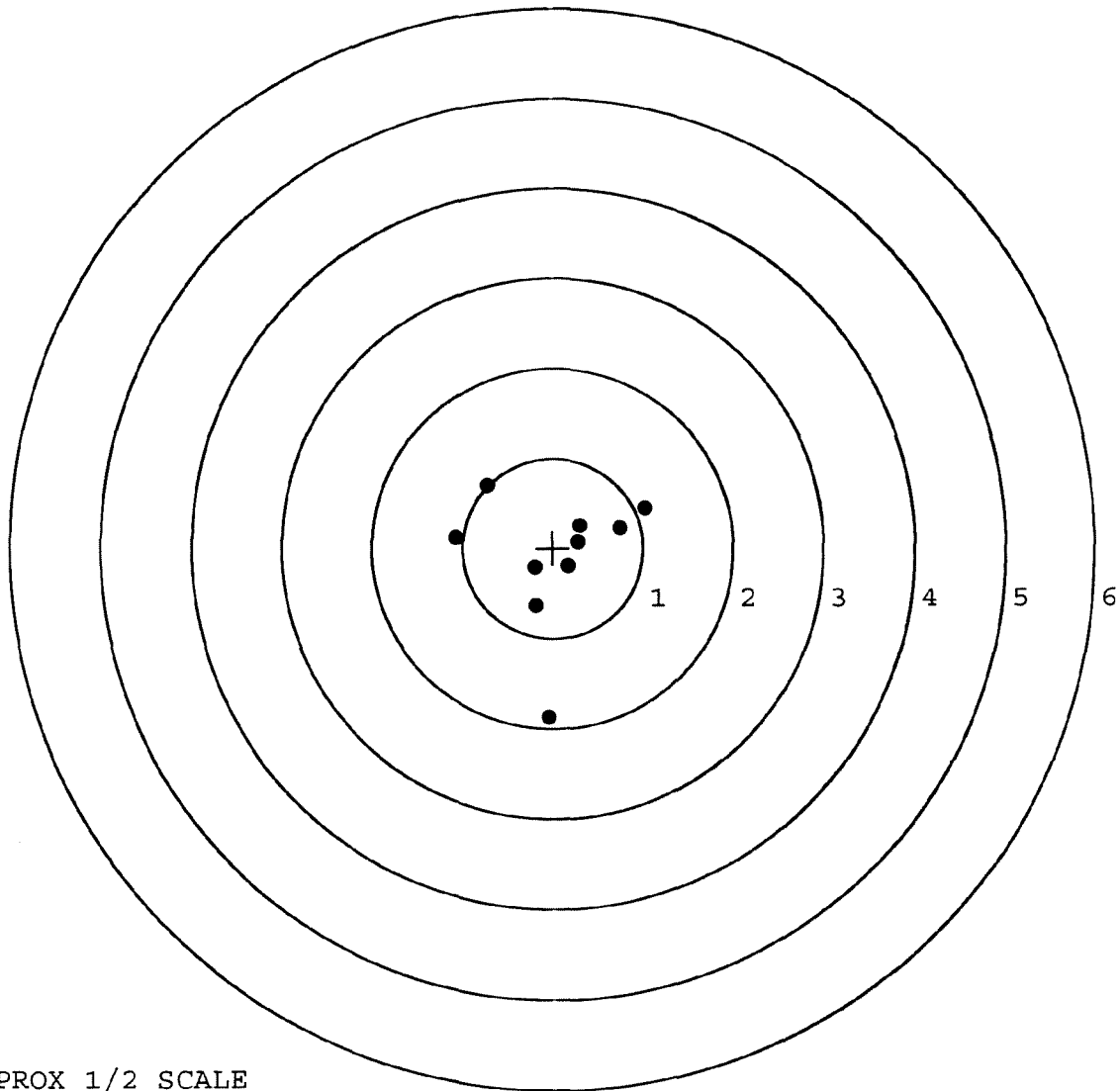
MEAN RADIUS: 0.770

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.023	0.441
2:	0.743	0.224
3:	0.298	0.253
4:	0.282	0.070
5:	0.168	-0.206
6:	-0.205	-0.218
7:	-0.196	-0.641
8:	-1.075	0.118
9:	-0.720	0.704
10:	-0.058	-1.882



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523376. 0

TARGET NUMBER: 2

FILE DATE: 02/05/2008

FILE TIME: 07:46

X CENTROID: -0.246

Y CENTROID: 0.228

POA TO CENTROID: 0.336

HORZ SPREAD: 1.446

VERT SPREAD: 2.520

GROUP SPREAD: 2.528

MIN RADIUS: 0.172

MAX RADIUS: 1.545

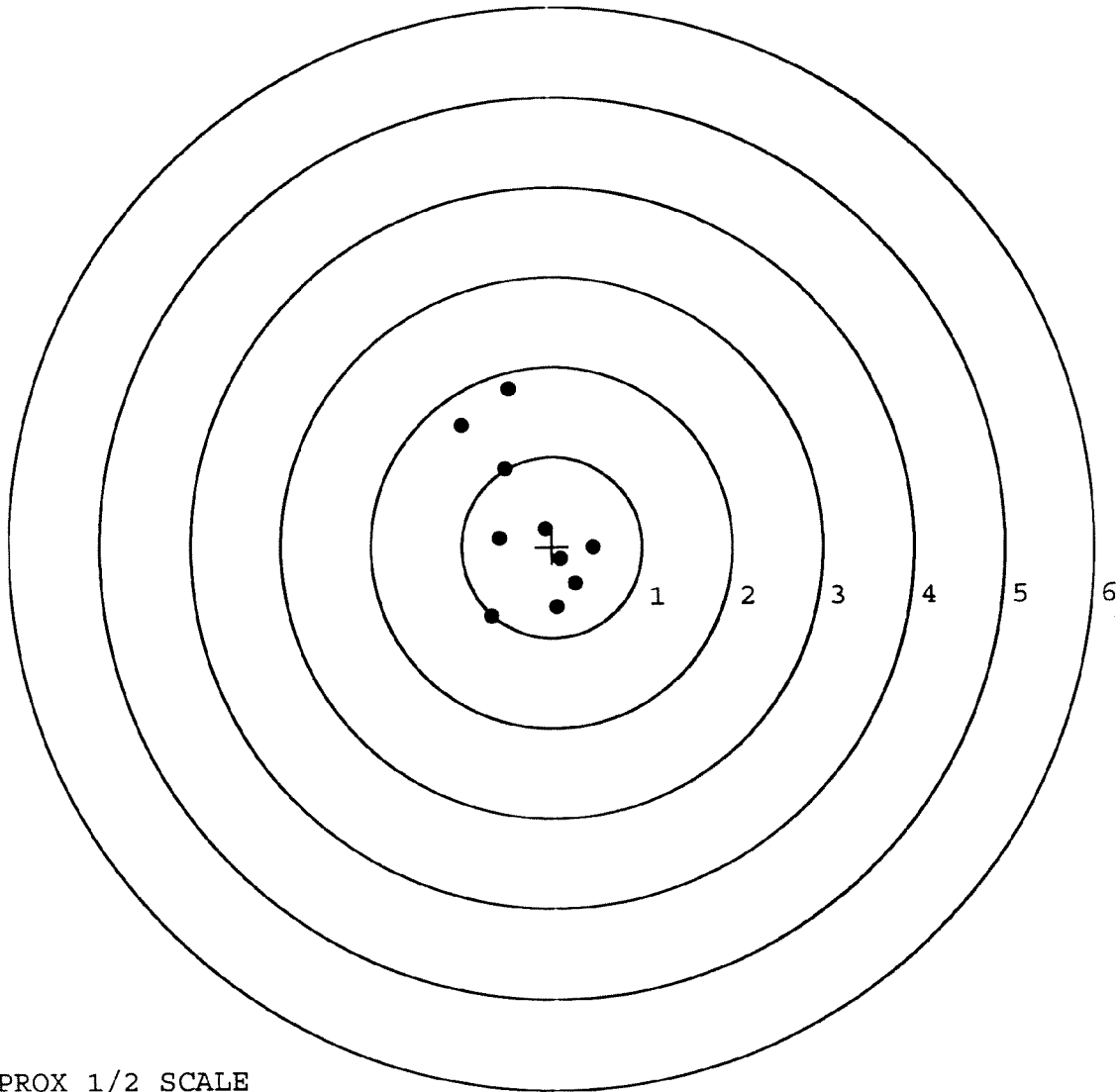
MEAN RADIUS: 0.819

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.515	0.870
2:	-0.989	1.349
3:	-0.472	1.756
4:	-0.580	0.098
5:	-0.676	-0.764
6:	-0.077	0.197
7:	0.087	-0.135
8:	0.457	-0.010
9:	0.254	-0.410
10:	0.050	-0.670

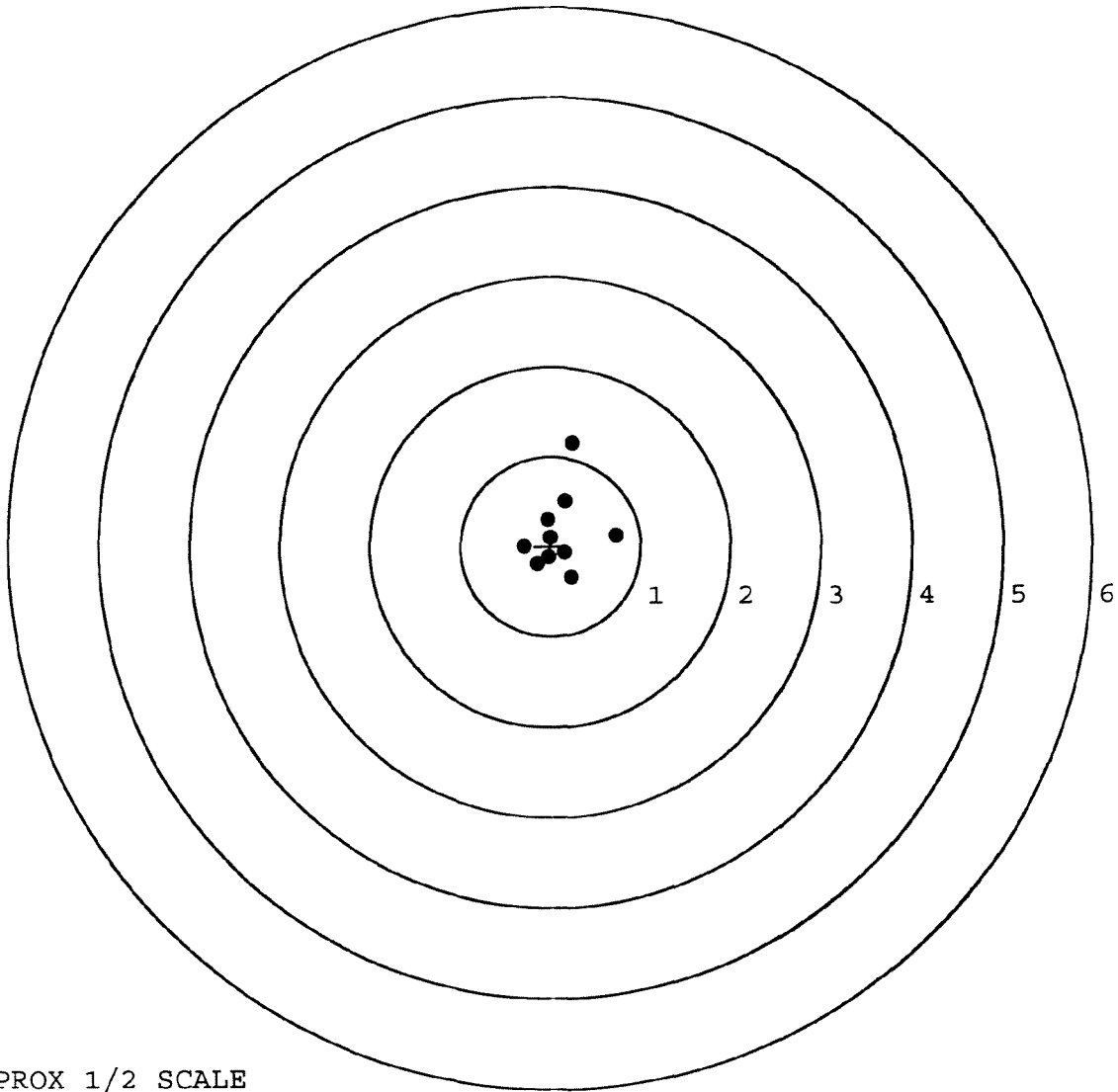


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523376. __0
 TARGET NUMBER: 3
 FILE DATE: 02/05/2008
 FILE TIME: 07:46

X CENTROID: 0.102
 Y CENTROID: 0.141
 POA TO CENTROID: 0.174
 HORZ SPREAD: 1.022
 VERT SPREAD: 1.499
 GROUP SPREAD: 1.499
 MIN RADIUS: 0.109
 MAX RADIUS: 1.017
 MEAN RADIUS: 0.420
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.726	0.125
2:	0.165	0.502
3:	0.247	1.148
4:	0.156	-0.074
5:	0.231	-0.351
6:	-0.296	-0.005
7:	-0.150	-0.205
8:	-0.040	0.297
9:	0.002	0.099
10:	-0.022	-0.122



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523376. __0

TARGET NUMBER: 4

FILE DATE: 02/05/2008

FILE TIME: 07:46

X CENTROID: -0.078

Y CENTROID: -0.041

POA TO CENTROID: 0.088

HORZ SPREAD: 2.562

VERT SPREAD: 1.992

GROUP SPREAD: 2.589

MIN RADIUS: 0.007

MAX RADIUS: 1.447

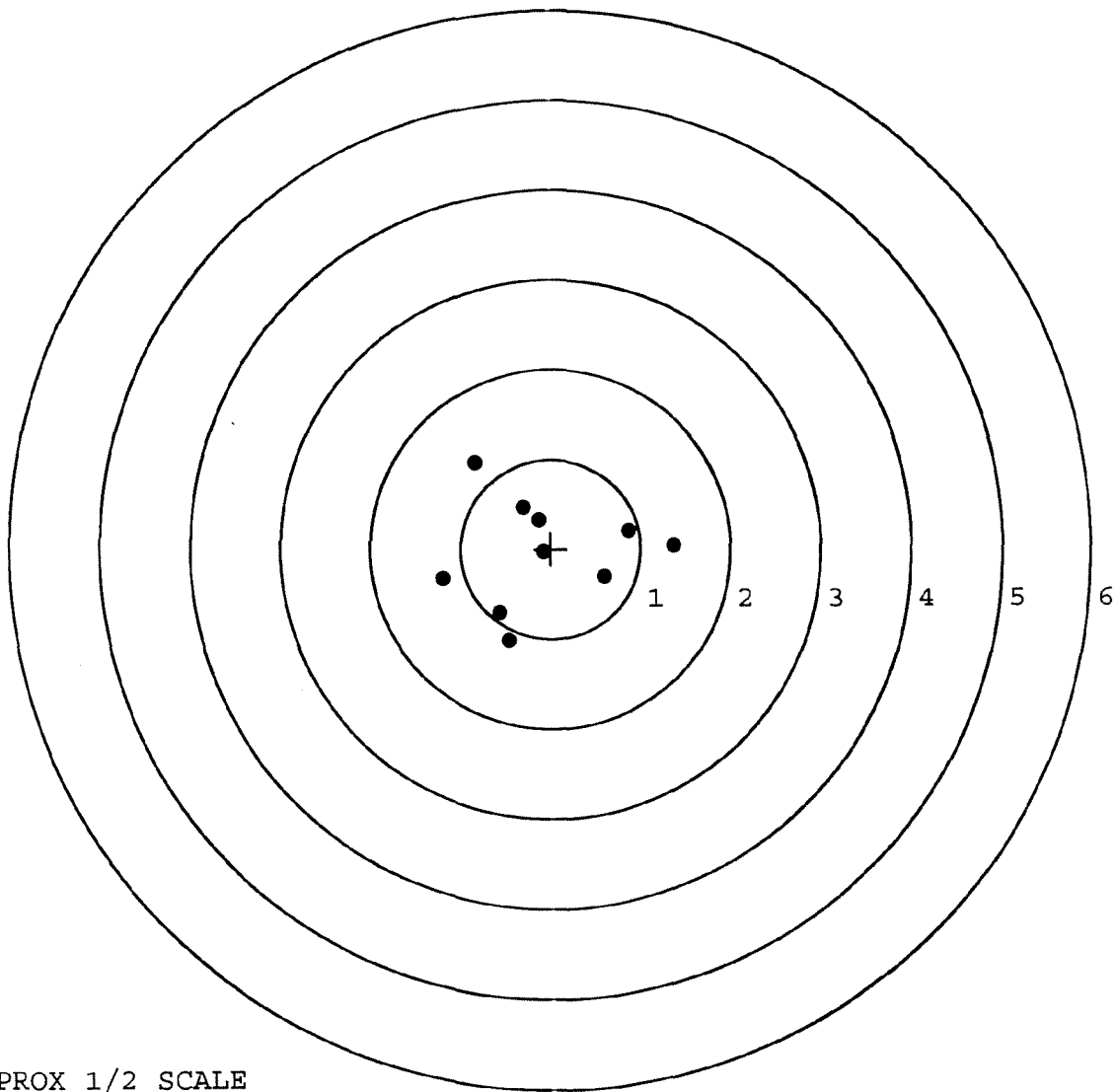
MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.367	0.044
2:	0.866	0.202
3:	0.598	-0.309
4:	-0.474	-1.021
5:	-0.575	-0.710
6:	-1.195	-0.330
7:	-0.835	0.971
8:	-0.308	0.463
9:	-0.137	0.321
10:	-0.085	-0.039



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523376. 0

TARGET NUMBER: 5

FILE DATE: 02/05/2008

FILE TIME: 07:46

POINT#	X	Y
1:	1.320	-0.197
2:	0.942	-0.395
3:	0.744	-0.174
4:	-0.427	0.693
5:	-0.645	0.224
6:	-1.038	0.450
7:	0.298	-0.133
8:	0.102	0.118
9:	-0.137	-0.036
10:	-0.335	-0.167

X CENTROID: 0.082

Y CENTROID: 0.038

POA TO CENTROID: 0.091

HORZ SPREAD: 2.358

VERT SPREAD: 1.088

GROUP SPREAD: 2.445

MIN RADIUS: 0.082

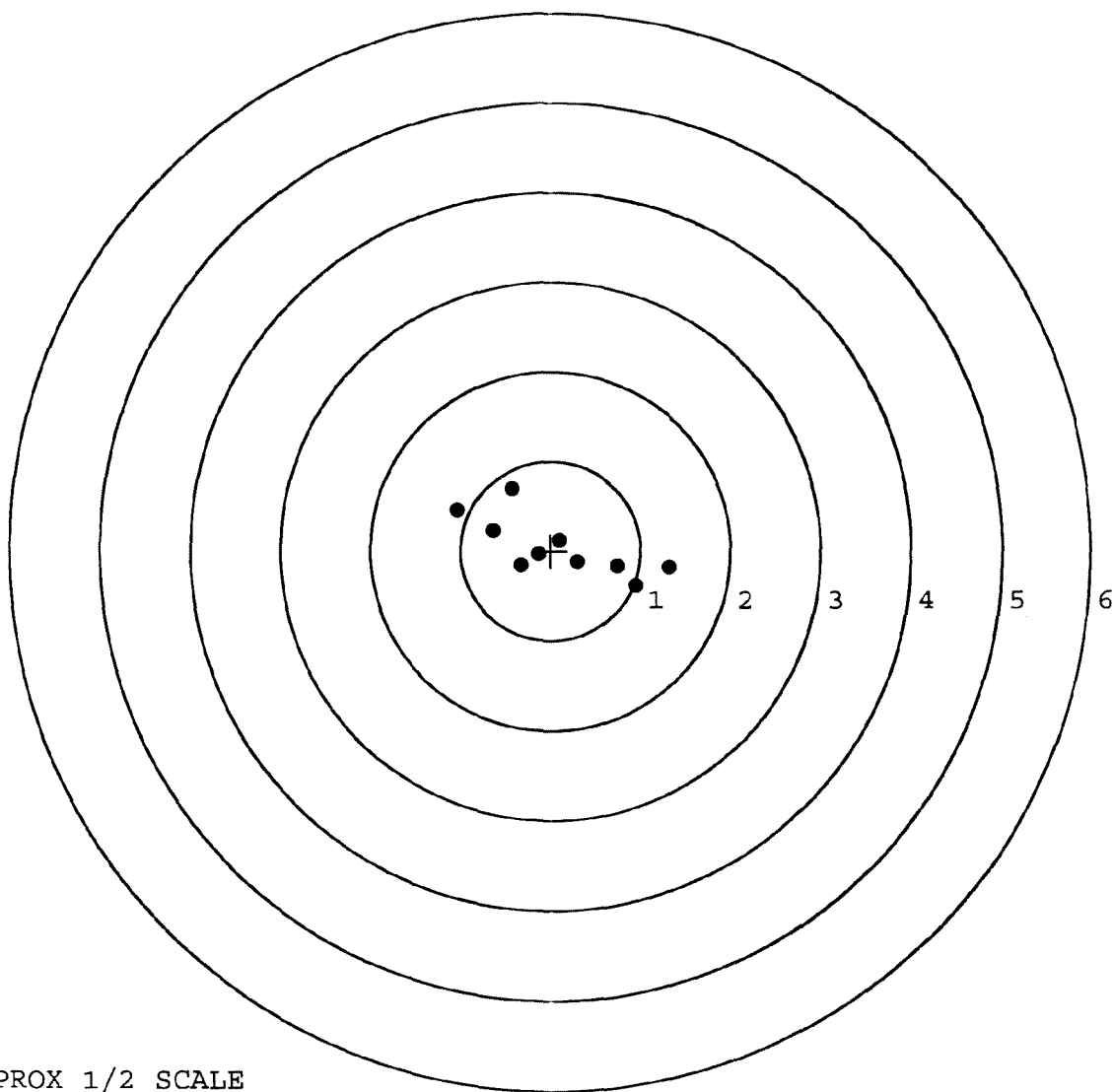
MAX RADIUS: 1.260

MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 139085SERIAL NUMBER C6523376LOG-IN DATE 1-4-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-23-08	RTZ
505	RE-BARREL	1-24-08	RR
560	ASSEMBLE	1-24-08	RR
600	PROOF	1-24-08	TRW
605	CHECK HEADSPACE	1-24-08	TRW
610	DIS-ASSEMBLE GUN	1-24-08	RR
612	MAGNAFLUX	1-25-08	JB
510	DRILL AND TAP	1-25-08	TRW
615	ROLLMARK CALIBER	1-25-08	CW
618	ROTO-BLAST	1-25-08	DG
620	APPLY COATINGS	1-29-08	CM
625	FINAL ASSEMBLY	1-31-08	SLD
640	FUNCTION TEST AND	(PASS) FAIL	
650	TARGET	(PASS) FAIL	2-4-08 TRW
	MALFUNCTION <i>Close over hand</i>	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	2-4-08 RP
670	FINAL INSPECTION	2-8-08	DA
	A) HEADSPACE	(PASS) FAIL	2-6-08 DA
	B) TRIGGER PULL	261 253 269 278 2.43	2-6-08 DA
680	F) SAFETY ON FORCE	4.5 4.5 4.5	2-6-08 DA
	G) SAFETY OFF FORCE	30 30 30	2-6-08 DA
	I) FIRING PIN INDENT	.0225 .022 1022	2-6-08 DA
690	PACK		

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

Remington®

REG. U.S. PAT. & TM. OFF.

DUPONT

MODEL 700™ H24

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

SERIAL NO.
C6523376

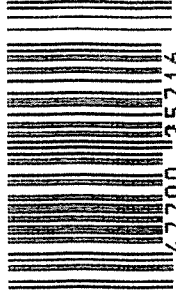
ORDER NO.
5716

01



5716 C6523376

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523376

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/2/90	KJ
600	Proof		10/2/90	KJ
607	Check Headspace		10/2/90	KJ
610	Dis-assemble Gun		10/2/90	KJ
612	Magnaflux Barrel Action		10/5/90	KR
	Magnaflux Bolt		10/5/90	KR
615	Rollmark Caliber		10/5/90	JS
617	Drill and Tap Sight Holes		10/8/90	WB
618	Polish Barrel <i>WB</i>		10/9/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/21/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/21/90	WB
	C) Inspect Ejector Hole for Chamfer		10/21/90	WB
	D) Oil Firing Pin Ass'y		11/21/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		11/2/90	JL

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	5	5	11/2/90	WB
	G) Safety Off Force	3	3	3	11/2/90	WB
	H) Trigger Pull Test & Retainability				11/2/90	WB
	I) Firing Pin Indent	1020	020	0205	11/2/90	WB
	J) Assemble Stock				11/2/90	KH
	K) Assemble Swivel Studs				11/19/90	WB
	L) Attach Front and Rear Sight Assemblies				11/2/90	KH
	M) Iron Sight Alignment				11/2/90	KH
	N) Detach Front & Rear Sights & place in numbered container				11/2/90	KH
	O) Attach Scope to Rifle				11/2/90	KH
	P) Detach & Attach Scope 20 Times				11/2/90	KH
640	Gallery Target & Test				11-6-90	AC
	A) Time				11-6-90	AC
	B) Malfunctions				11-6-90	AC
	C) Pierced Primers				11-6-90	AC
	D) Optical Clarity of Scope				11-6-90	AC
645	Inspect for Live Ammo				11-6-90	AC
655	Final Inspection					
	A) Headspace				11/19/90	WB
	B) Trigger Pull	275	276	278 270 278	11/19/90	WB
	C) Function				11/19/90	WB
660	Pack				12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523376

DATE 11/2/90

TESTER JF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.29	2.30	275	MIN. SETTING,
PULL #2	2.38	2.18	2.19	286	NO AVG. OF 5
PULL #3	2.35	2.33	2.37	278	READINGS ACCEPT-
PULL #4	2.29	2.37	2.35	270	ABLE LESS THAN 2#
PULL #5	2.31	2.36	2.30	278	
TOTAL	11.69	11.53	11.51		
AVG.	2.338	2.306	2.302		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.29		
PULL #2	3.38	3.43		
PULL #3	3.33	3.39		
PULL #4	3.25	3.34		
PULL #5	3.11	3.47		
TOTAL	16.49	16.92		
AVG.	3.298	3.384		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.31		4.34
PULL #2	4.28	4.27		4.32
PULL #3	4.33	4.35		4.37
PULL #4	4.25	4.37		4.30
PULL #5	4.09	4.30		4.24
TOTAL	21.15	21.60		21.57
AVG.	4.23	4.32		4.314

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523376
6 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.16289
1 TO	2	.0773175
1 TO	3	.413295
1 TO	4	.120104
1 TO	5	.459637

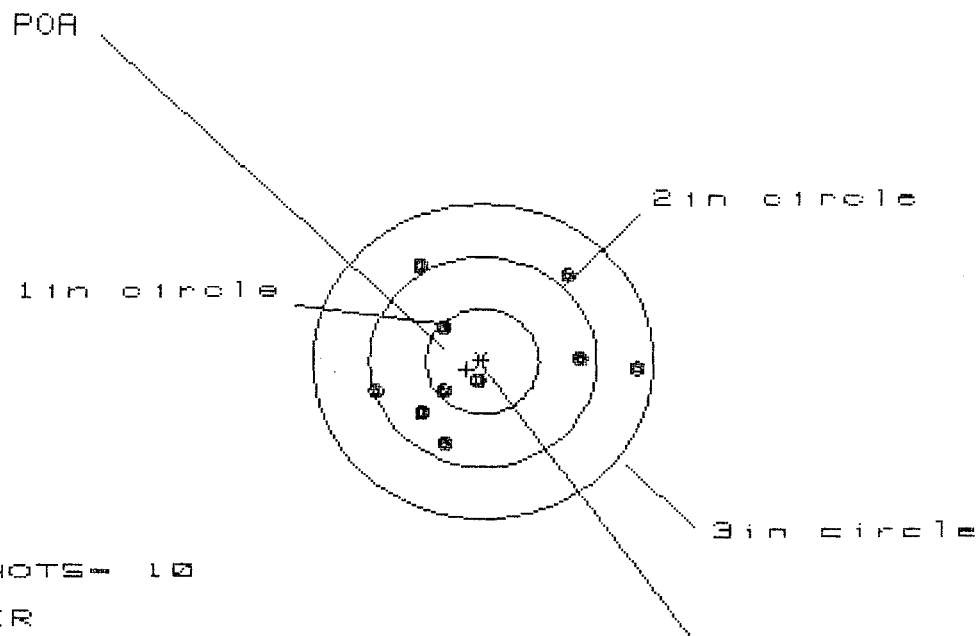
57* <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0526
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0244
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0579838
THE AMR FOR THIS RIFLE IS: .8438

6 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523376

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.343

VS= 1.783

GS= 2.351

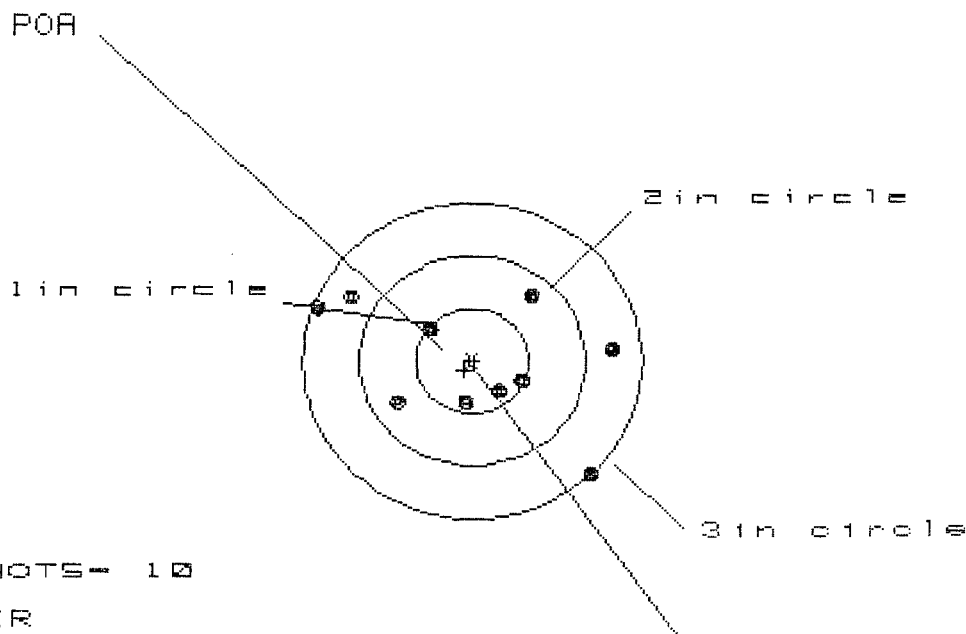
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.395	1.044	1.159
MINIMUM X	-.948	-.793	-.679
MAXIMUM Y	.967	.956	1.061
MINIMUM Y	-.816	-.827	-.722
CENTROID X	.143	-.012	-.127
CENTROID Y	.078	.089	-.016
POA TO CENTROID in.	.163	.090	.127
MIN RADIUS	.218	.254	.162
MEAN RADIUS	.821	.728	.624
MAX RADIUS	1.398	1.241	1.162
HORIZONTAL SPREAD	2.343	1.837	1.837
VERTICAL SPREAD	1.783	1.783	1.783
EXTREME SPREAD	2.351	2.052	1.859
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

6 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523376

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.518

VS= 1.705

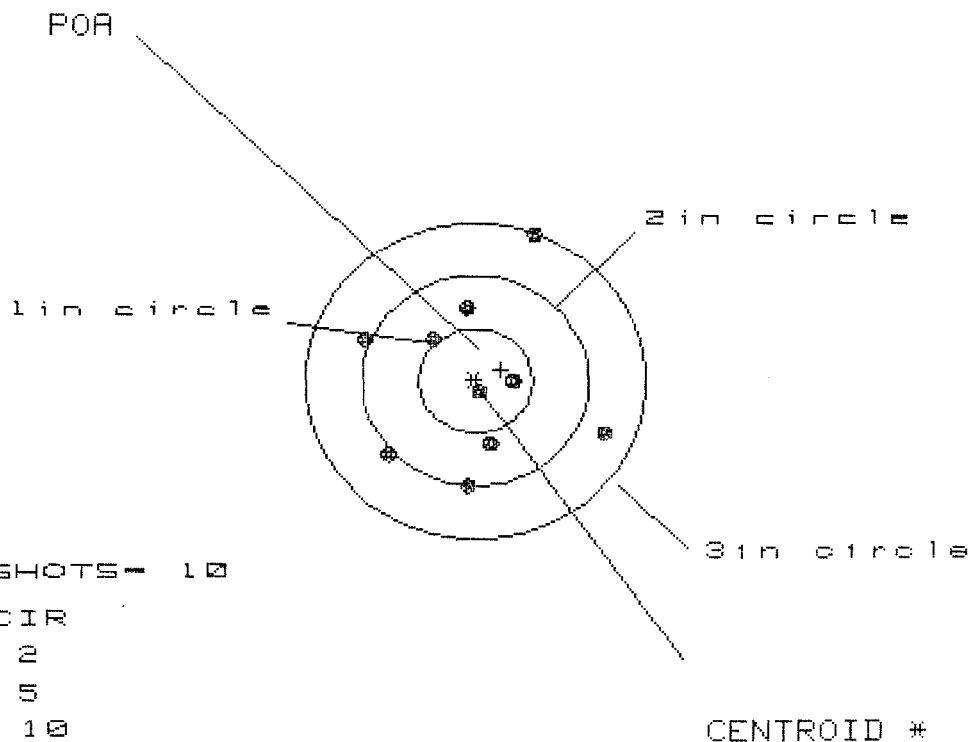
GS= 2.861

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.193	1.310	1.159
MINIMUM X	-1.325	-1.208	-1.064
MAXIMUM Y	.628	.508	.557
MINIMUM Y	-1.077	-.482	-.433
CENTROID X	.066	-.051	.100
CENTROID Y	.085	.205	.156
POA TO CENTROID in.	.108	.211	.185
MIN RADIUS	.348	.287	.384
MEAN RADIUS	.854	.784	.705
MAX RADIUS	1.507	1.310	1.201
HORIZONTAL SPREAD	2.518	2.518	2.223
VERTICAL SPREAD	1.705	.990	.990
EXTREME SPREAD	2.861	2.544	2.274
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

6 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523376

CENTERFIRE PATTERNS # 3



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.155	1.214	.530
MINIMUM X	:	-.996	-.937	-.785
MAXIMUM Y	:	1.383	.831	.784
MINIMUM Y	:	-1.013	-.860	-.906
CENTROID X	:	-.230	-.289	-.441
CENTROID Y	:	-.100	-.253	-.207
POA TO CENTROID in.	:	.251	.384	.487
MIN RADIUS	:	.157	.129	.282
MEAN RADIUS	:	.824	.743	.689
MAX RADIUS	:	1.480	1.270	.960
HORIZONTAL SPREAD	:	2.151	2.151	1.315
VERTICAL SPREAD	:	2.396	1.691	1.691
EXTREME SPREAD	:	2.469	2.361	1.729
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

6 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523376

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.159

VS= 1.612

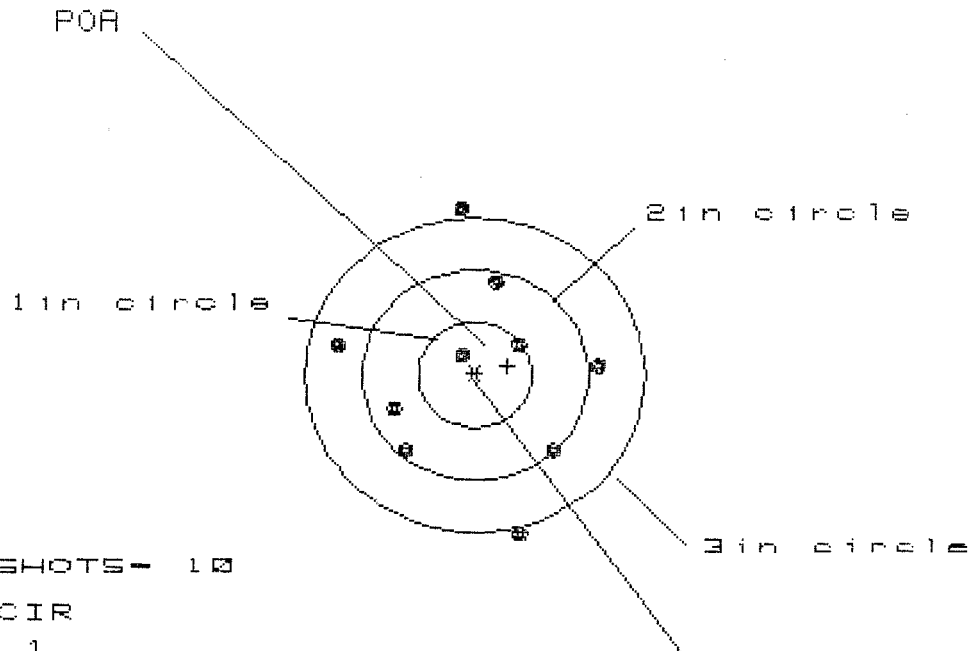
GS= 2.221

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.160	1.193	.827
MINIMUM X	:	-.999	-.966	-.817
MAXIMUM Y	:	1.135	.546	.575
MINIMUM Y	:	-.477	-.351	-.322
CENTROID X	:	.044	.011	-.138
CENTROID Y	:	.146	.020	-.009
POA TO CENTROID in.	:	.152	.023	.139
MIN RADIUS	:	.372	.283	.265
MEAN RADIUS	:	.745	.678	.598
MAX RADIUS	:	1.173	1.215	.857
HORIZONTAL SPREAD	:	2.159	2.159	1.644
VERTICAL SPREAD	:	1.612	.897	.897
EXTREME SPREAD	:	2.221	2.221	1.685
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523376

CENTERFIRE PATTERNS # 5



PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.056	1.047	1.092
MINIMUM X	-1.183	-1.192	-1.147
MAXIMUM Y	1.575	1.097	.933
MINIMUM Y	-1.481	-1.306	-.751
CENTROID X	-.286	-.277	-.322
CENTROID Y	-.087	-.262	-.098
POA TO CENTROID in.	.299	.381	.337
MIN RADIUS	.182	.348	.178
MEAN RADIUS	.975	.914	.832
MAX RADIUS	1.577	1.357	1.186
HORIZONTAL SPREAD	2.239	2.239	2.239
VERTICAL SPREAD	3.056	2.403	1.684
EXTREME SPREAD	3.091	2.412	2.252
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		