C652157

MODEL 700™ M24

Model 5MS™

Action

Barrel Length

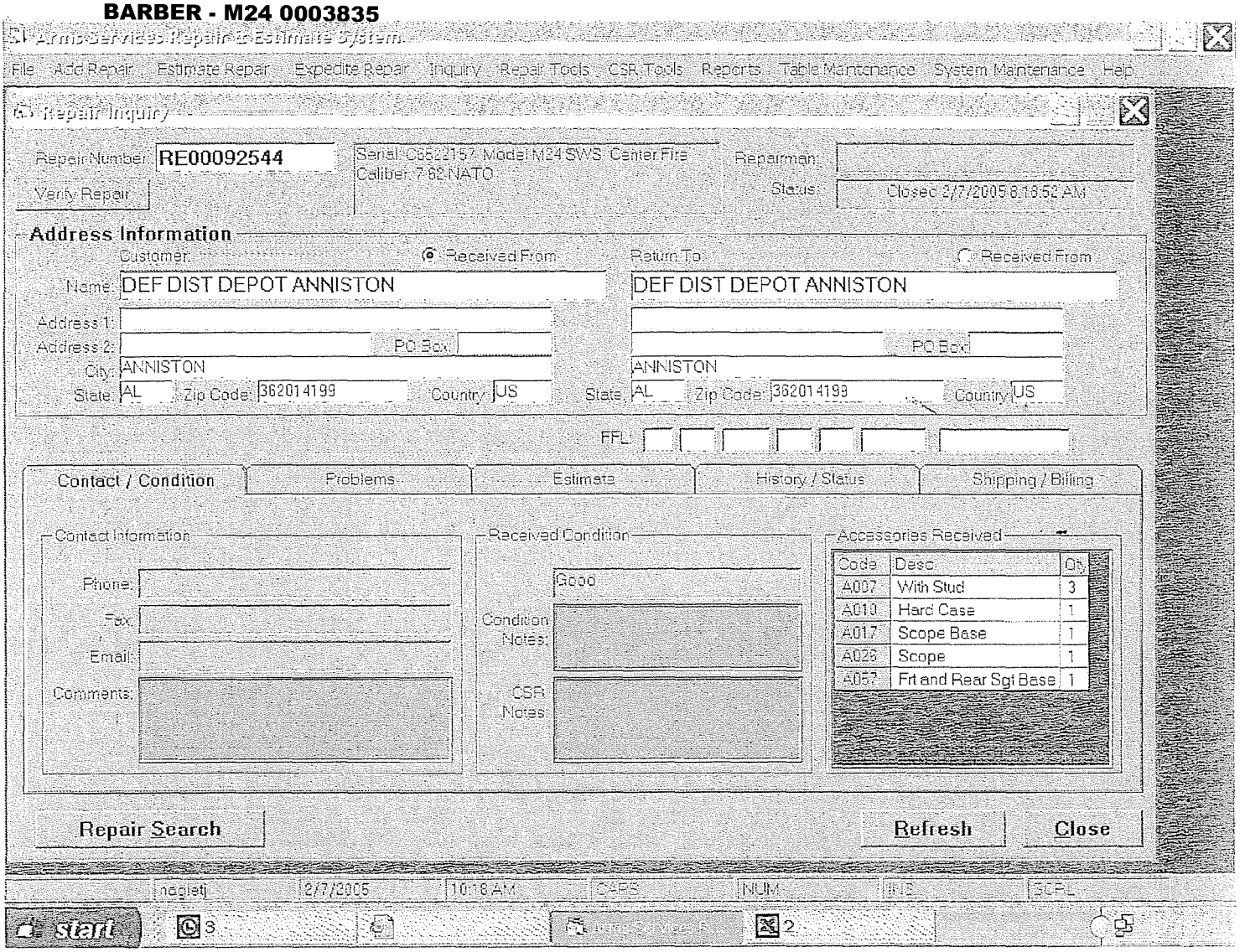
Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

Sweep®



Serial Number: C6522157

Model: M24 SWS

RE00092544

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522157.__0
FILE DATE AND TIME: 04/14/2005 07:06

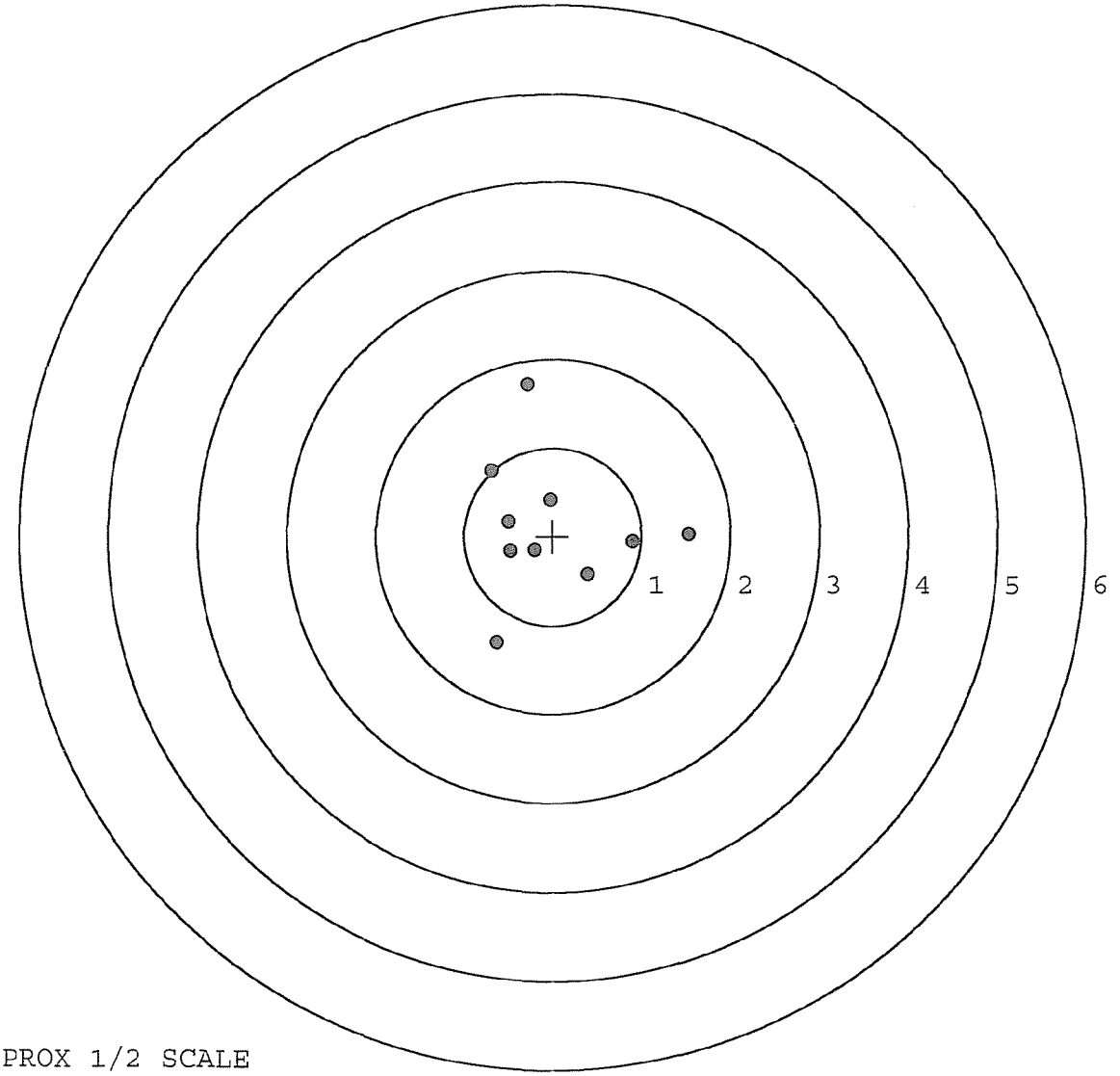
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	-0.020
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.914
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.132
The Distance from Centroid Target #3 to Centroid Target #1:	0.113
The Distance from Centroid Target #4 to Centroid Target #1:	0.356
The Distance from Centroid Target #5 to Centroid Target #1:	0.153

SERIAL NUMBER: C6522157.__0
TARGET NUMBER: 1
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID:	0.000
Y CENTROID:	0.104
POA TO CENTROID:	0.104
HORZ SPREAD:	2.228
VERT SPREAD:	2.913
GROUP SPREAD:	2.934
MIN RADIUS:	0.310
MAX RADIUS:	1.640
MEAN RADIUS:	0.885
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.532	0.025
2:	0.905	-0.071
3:	0.398	-0.428
4:	-0.637	-1.194
5:	-0.696	0.738
6:	-0.285	1.719
7:	-0.032	0.412
8:	-0.505	0.163
9:	-0.203	-0.154
10:	-0.478	-0.173

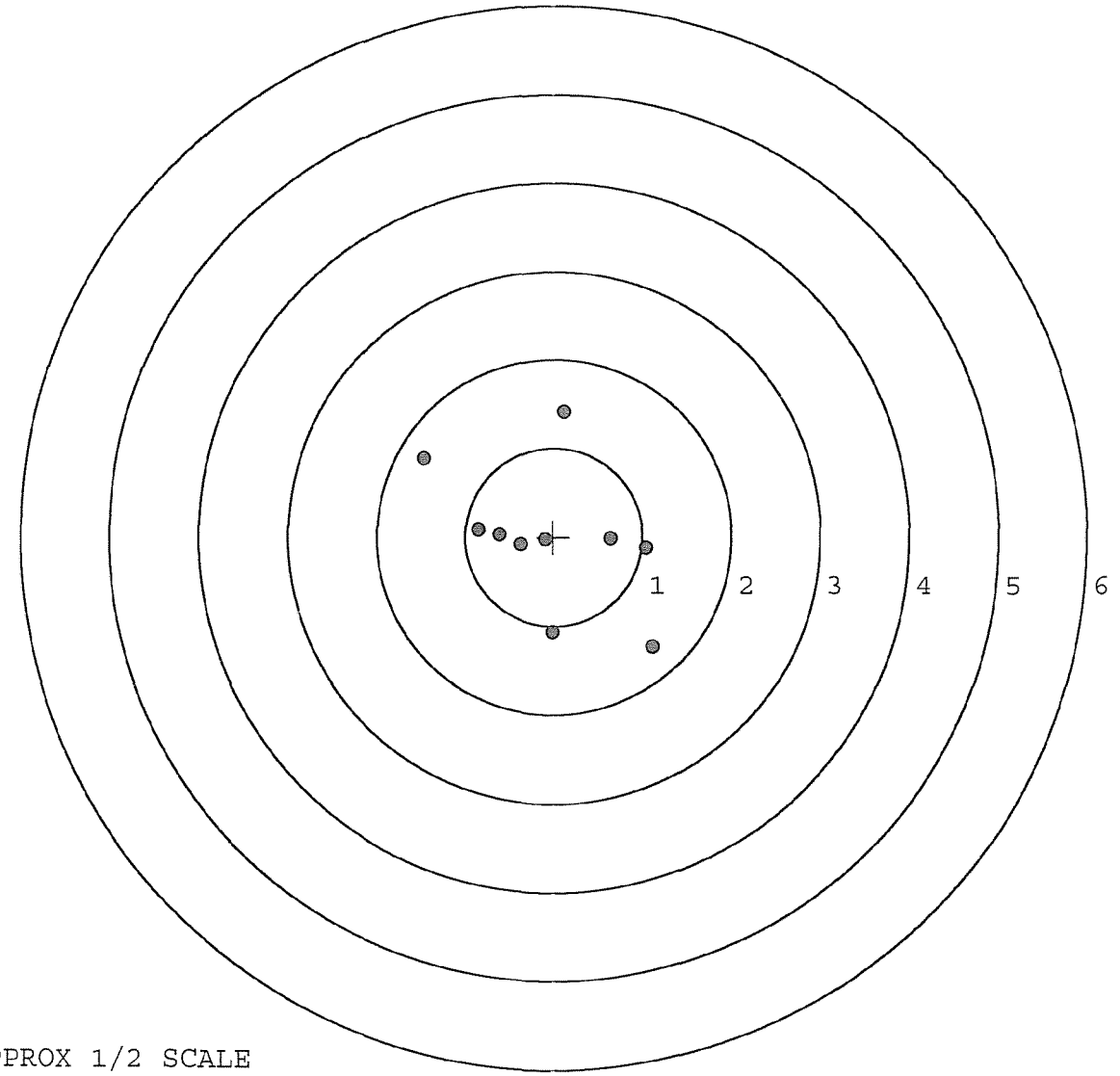


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157.__0
TARGET NUMBER: 2
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID:	-0.050
Y CENTROID:	-0.018
POA TO CENTROID:	0.053
HORZ SPREAD:	2.579
VERT SPREAD:	2.647
GROUP SPREAD:	3.344
MIN RADIUS:	0.050
MAX RADIUS:	1.687
MEAN RADIUS:	0.939
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.109	-1.244
2:	1.046	-0.127
3:	0.640	-0.020
4:	-0.016	-1.074
5:	-0.368	-0.091
6:	-0.099	-0.028
7:	-0.612	0.031
8:	-0.849	0.083
9:	0.122	1.403
10:	-1.470	0.884

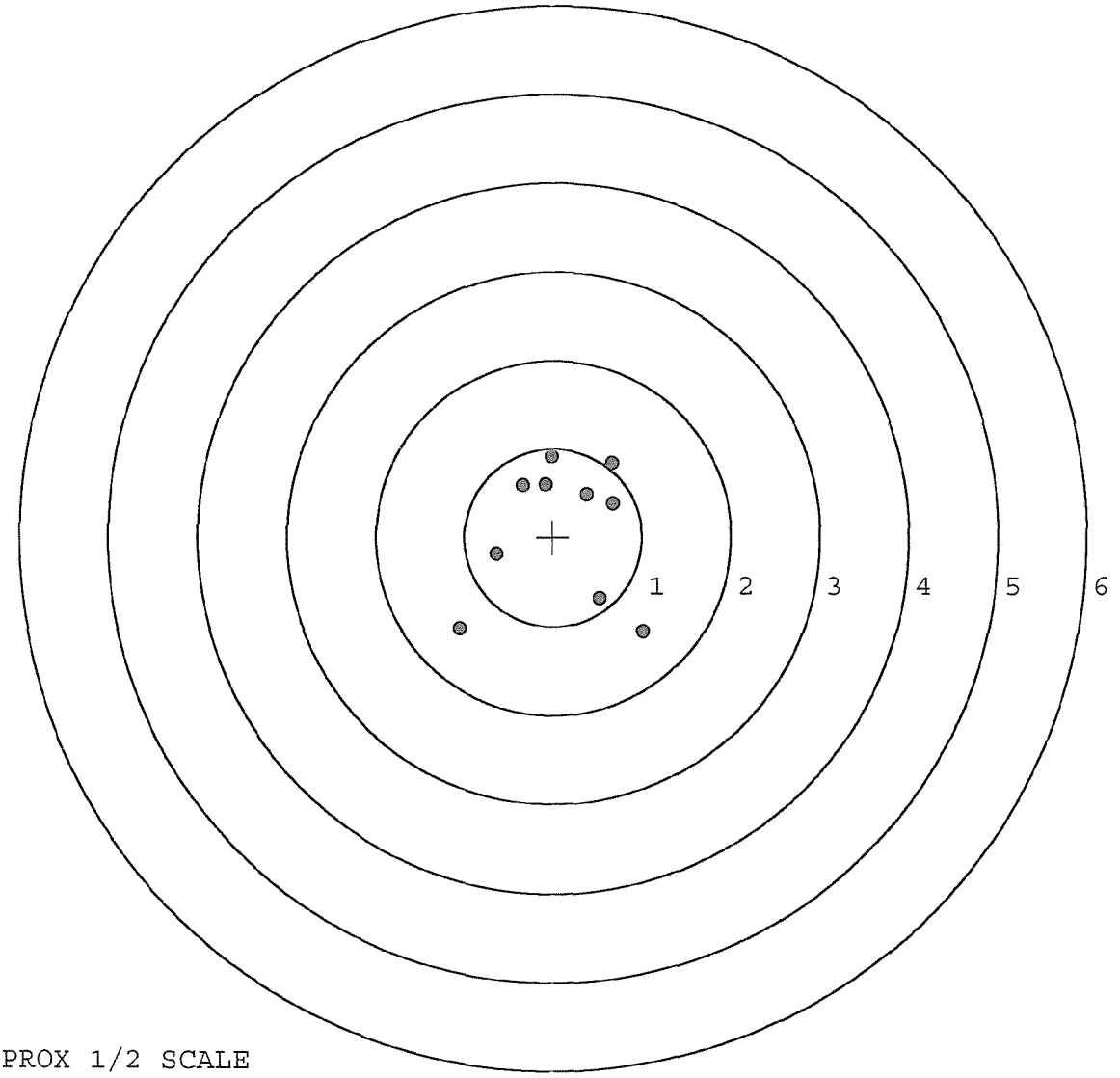


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157.__0
TARGET NUMBER: 3
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID:	0.110
Y CENTROID:	0.079
POA TO CENTROID:	0.136
HORZ SPREAD:	2.066
VERT SPREAD:	1.975
GROUP SPREAD:	2.541
MIN RADIUS:	0.484
MAX RADIUS:	1.611
MEAN RADIUS:	0.885
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	1.010	-1.066
2:	0.524	-0.692
3:	0.667	0.378
4:	0.375	0.484
5:	0.664	0.837
6:	-0.017	0.909
7:	-0.092	0.588
8:	-0.341	0.581
9:	-0.634	-0.193
10:	-1.056	-1.033

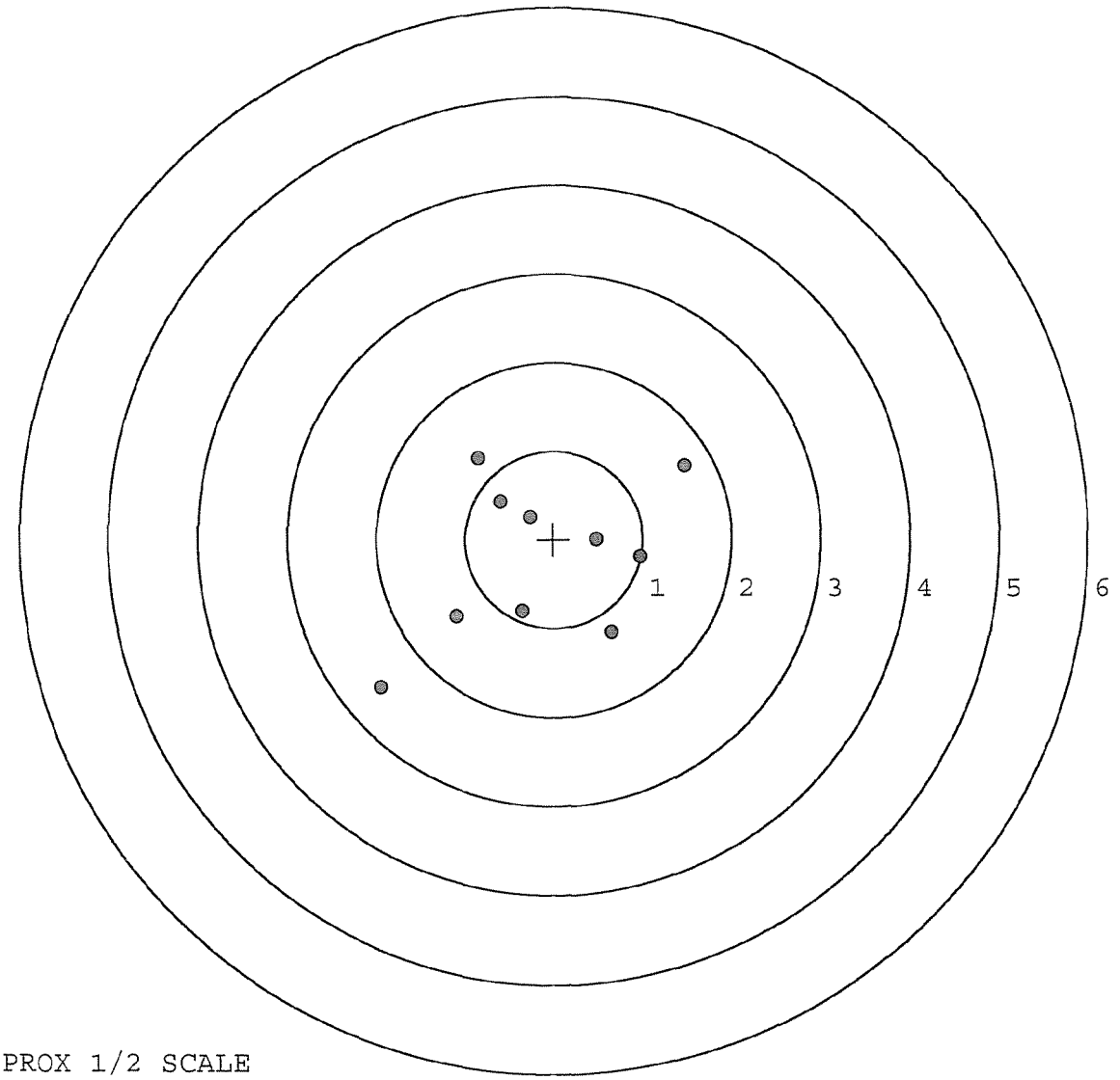


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157.__0
TARGET NUMBER: 4
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID:	-0.155
Y CENTROID:	-0.217
POA TO CENTROID:	0.266
HORZ SPREAD:	3.420
VERT SPREAD:	2.585
GROUP SPREAD:	4.235
MIN RADIUS:	0.479
MAX RADIUS:	2.306
MEAN RADIUS:	1.159
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.469	0.835
2:	0.979	-0.201
3:	0.483	0.003
4:	-0.267	0.249
5:	-0.603	0.432
6:	-0.850	0.922
7:	0.647	-1.052
8:	-0.358	-0.816
9:	-1.096	-0.876
10:	-1.951	-1.663

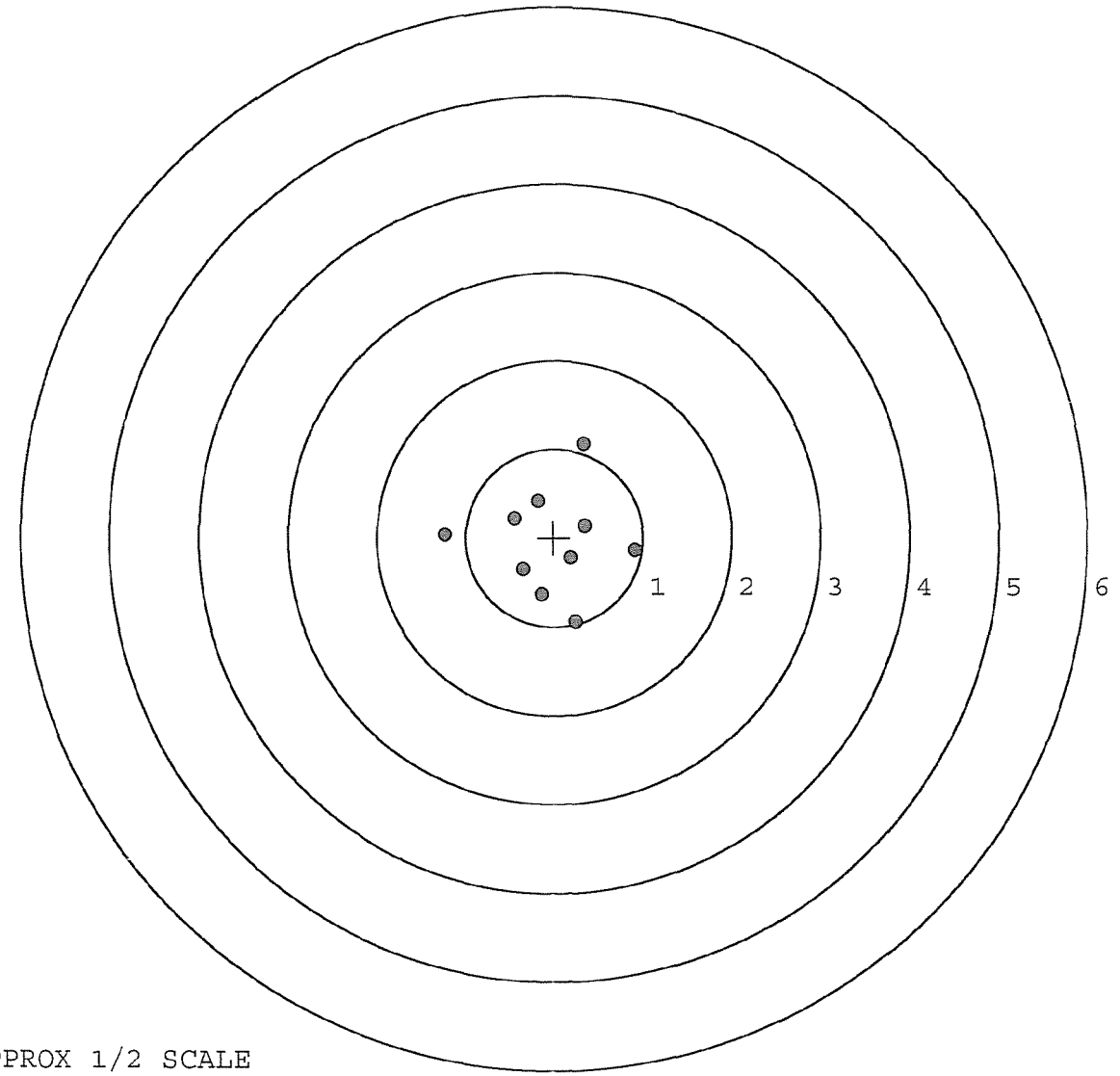


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157.__0
TARGET NUMBER: 5
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID:	-0.033
Y CENTROID:	-0.046
POA TO CENTROID:	0.057
HORZ SPREAD:	2.141
VERT SPREAD:	2.005
GROUP SPREAD:	2.149
MIN RADIUS:	0.289
MAX RADIUS:	1.202
MEAN RADIUS:	0.699
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.909	-0.142
2:	0.344	0.136
3:	0.245	-0.947
4:	0.192	-0.227
5:	0.338	1.058
6:	-0.186	0.413
7:	-0.452	0.214
8:	-1.232	0.038
9:	-0.348	-0.359
10:	-0.142	-0.645



TARGET APPROX 1/2 SCALE

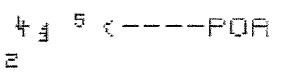
M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	92544		
SERIAL NUMBER	C6522157		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTL
560 A	RE-BARREL	3-17-05	RTL
B	DRILL AND TAP	3-21-05	TRW
575	ASSEMBLE	3-18-05	RTL
600	PROOF	3-21-05	AC
605	CHECK HEADSPACE	3-21-05	AC
610	DIS-ASSEMBLE GUN	3-21-05	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	312305	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	
625 A	FINAL ASSEMBLY	4-13-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-18-05	AC
D	SAFETY "OFF" FORCE	4-18-05	AC
E	FIRING PIN INDENT	4-18-05	AC
640	TARGET	4-14-05	AC
655	FINAL INSPECT	4-18-05	AC
660	PACK	4-20-05	DM
		SHIP DATE	
	QAR INSPECTION DATE		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522157
30 Aug 1990

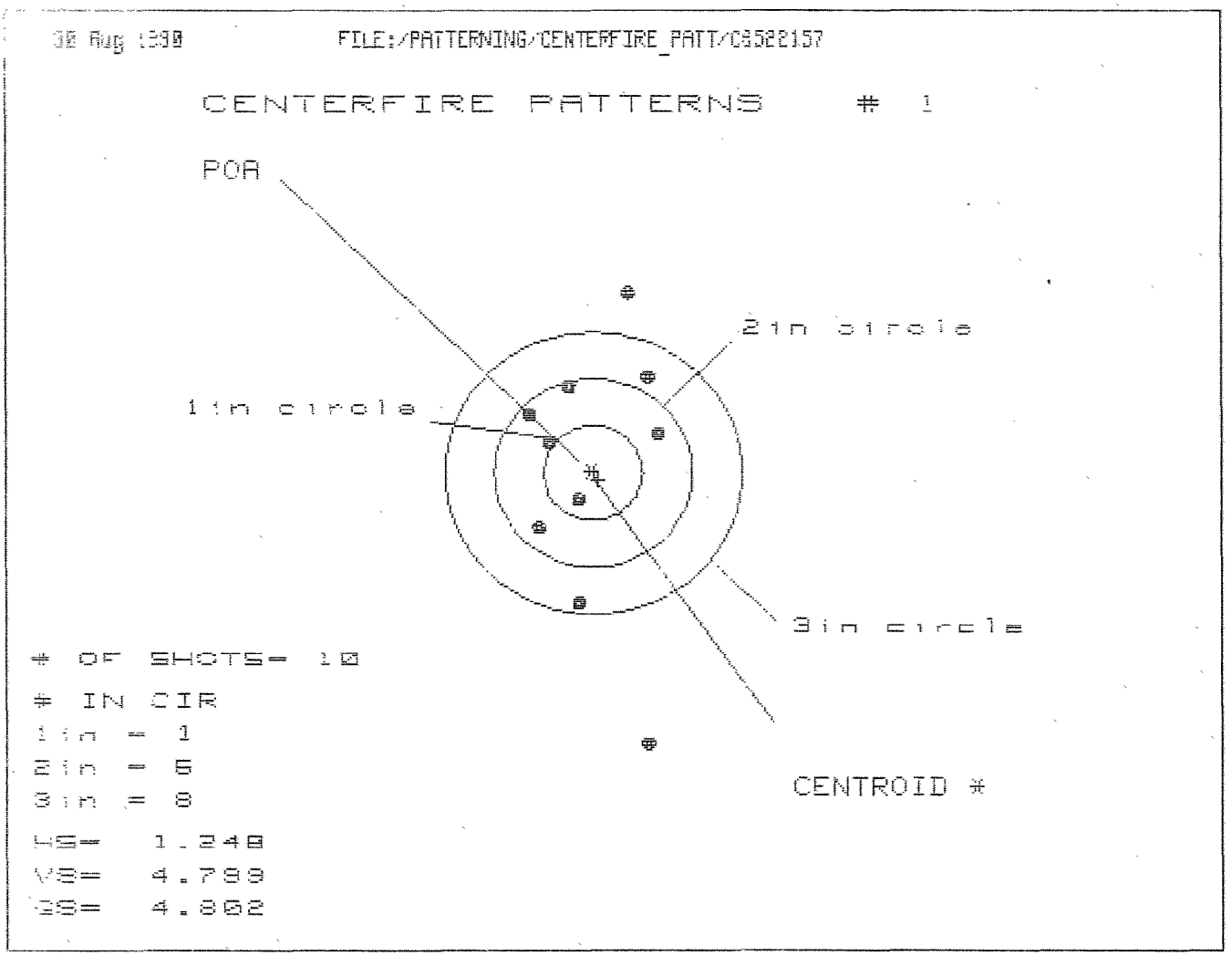
CENTROIDAL DISTANCES

0	TO	1	.0960208
1	TO	2	.684064
1	TO	3	.523963
1	TO	4	.48228
1	TO	5	1.12212

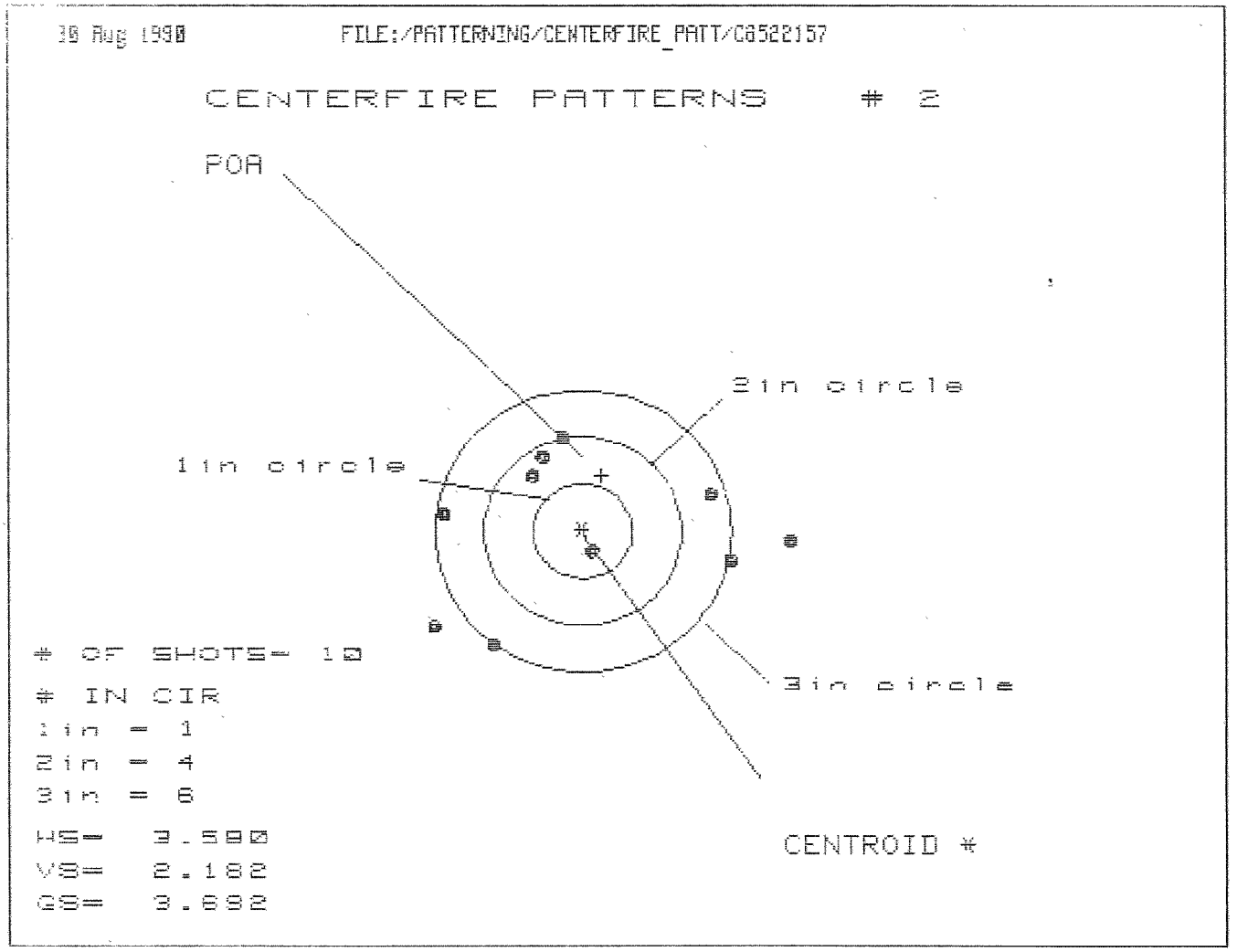


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3282
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.113
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .347108

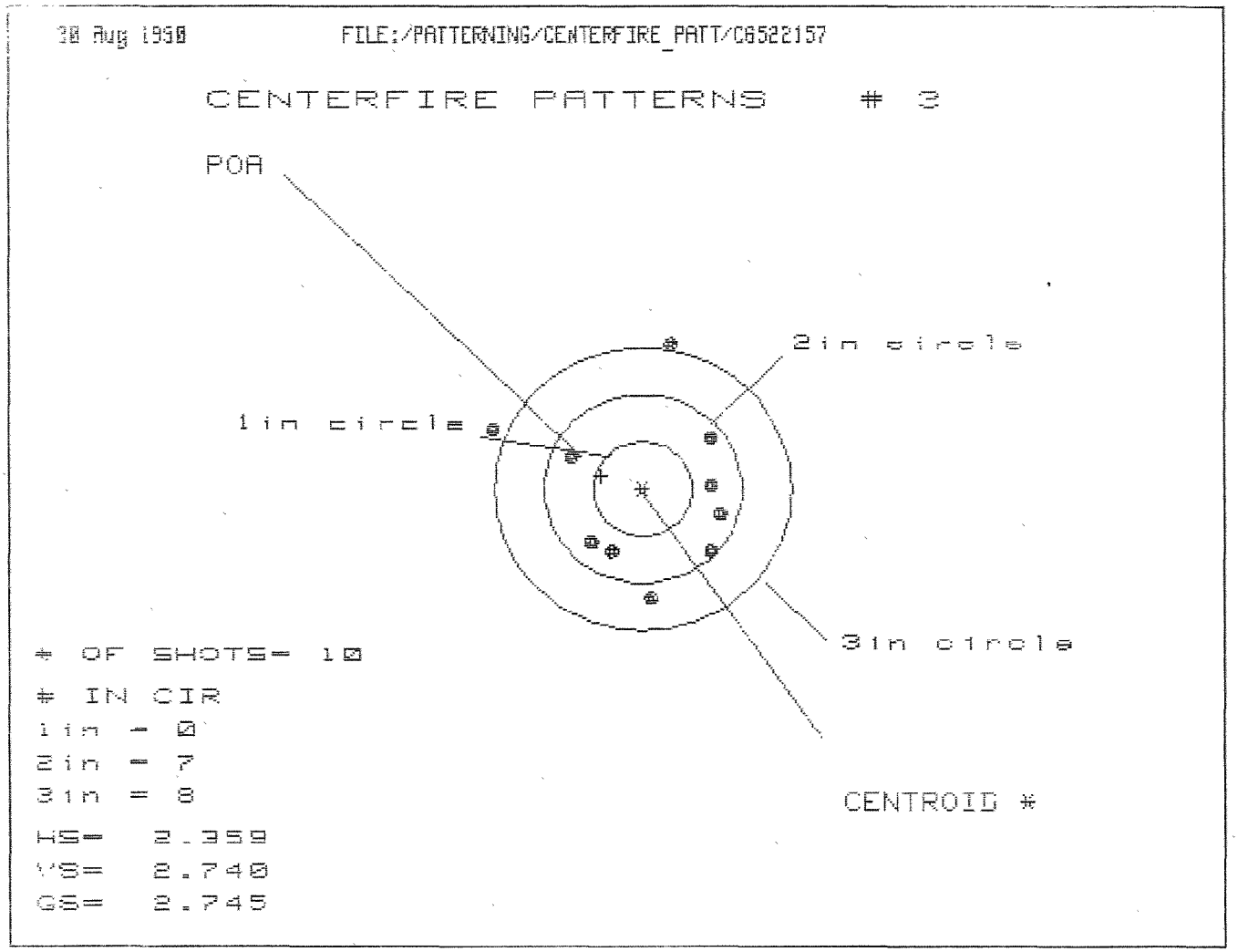
THE AMR FOR THIS RIFLE IS: 1.105



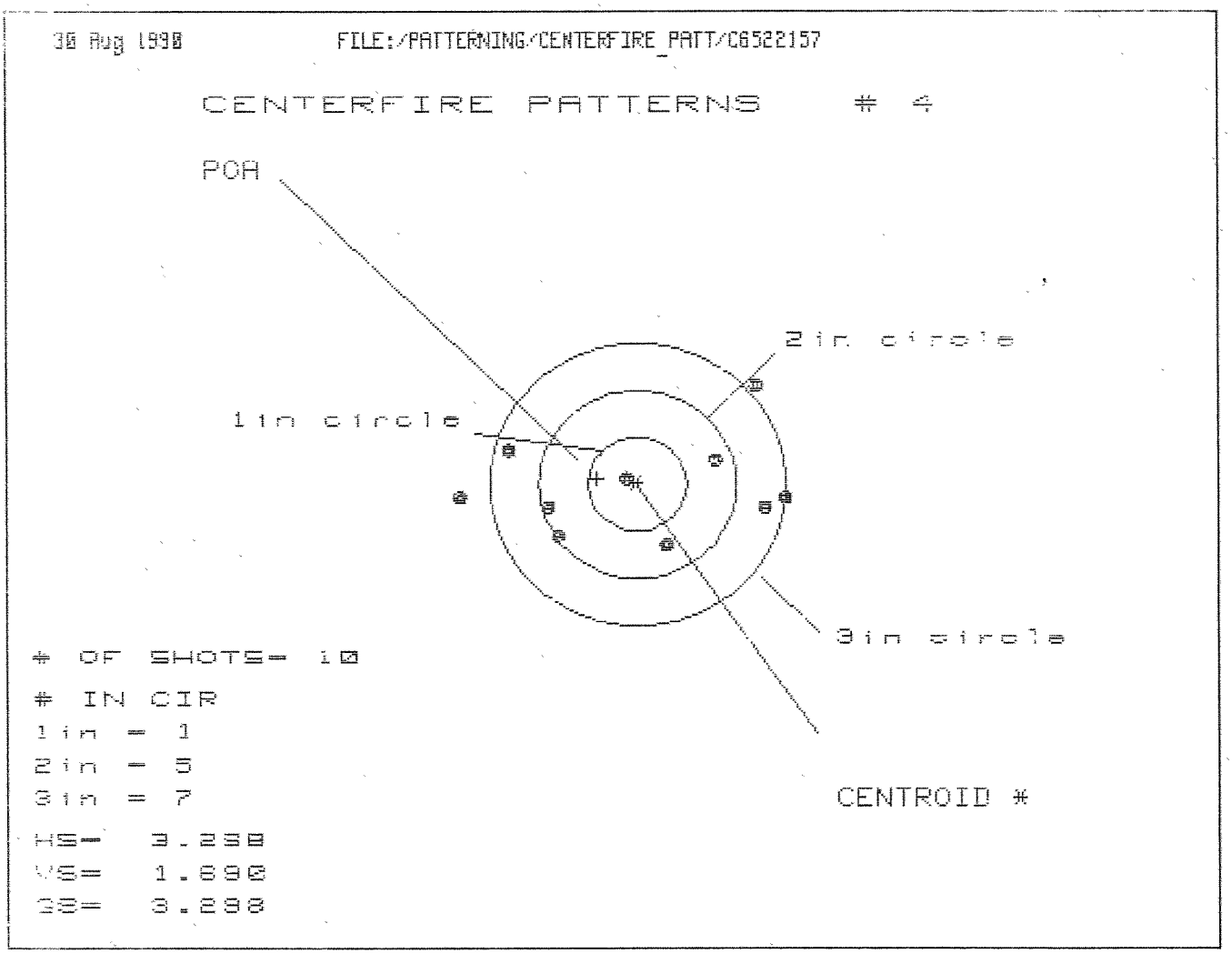
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.606	.666	.720
MINIMUM X	:	-.642	-.582	-.528
MAXIMUM Y	:	1.941	1.624	.886
MINIMUM Y	:	-2.858	-1.723	-1.520
CENTROID X	:	-.056	-.116	-.170
CENTROID Y	:	.078	.395	.192
POA TO CENTROID in.	:	.096	.412	.257
MIN RADIUS	:	.318	.358	.350
MEAN RADIUS	:	1.158	.914	.809
MAX RADIUS	:	2.908	1.725	1.521
HORIZONTAL SPREAD	:	1.248	1.248	1.248
VERTICAL SPREAD	:	4.799	3.347	2.407
EXTREME SPREAD	:	4.802	3.383	2.490
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



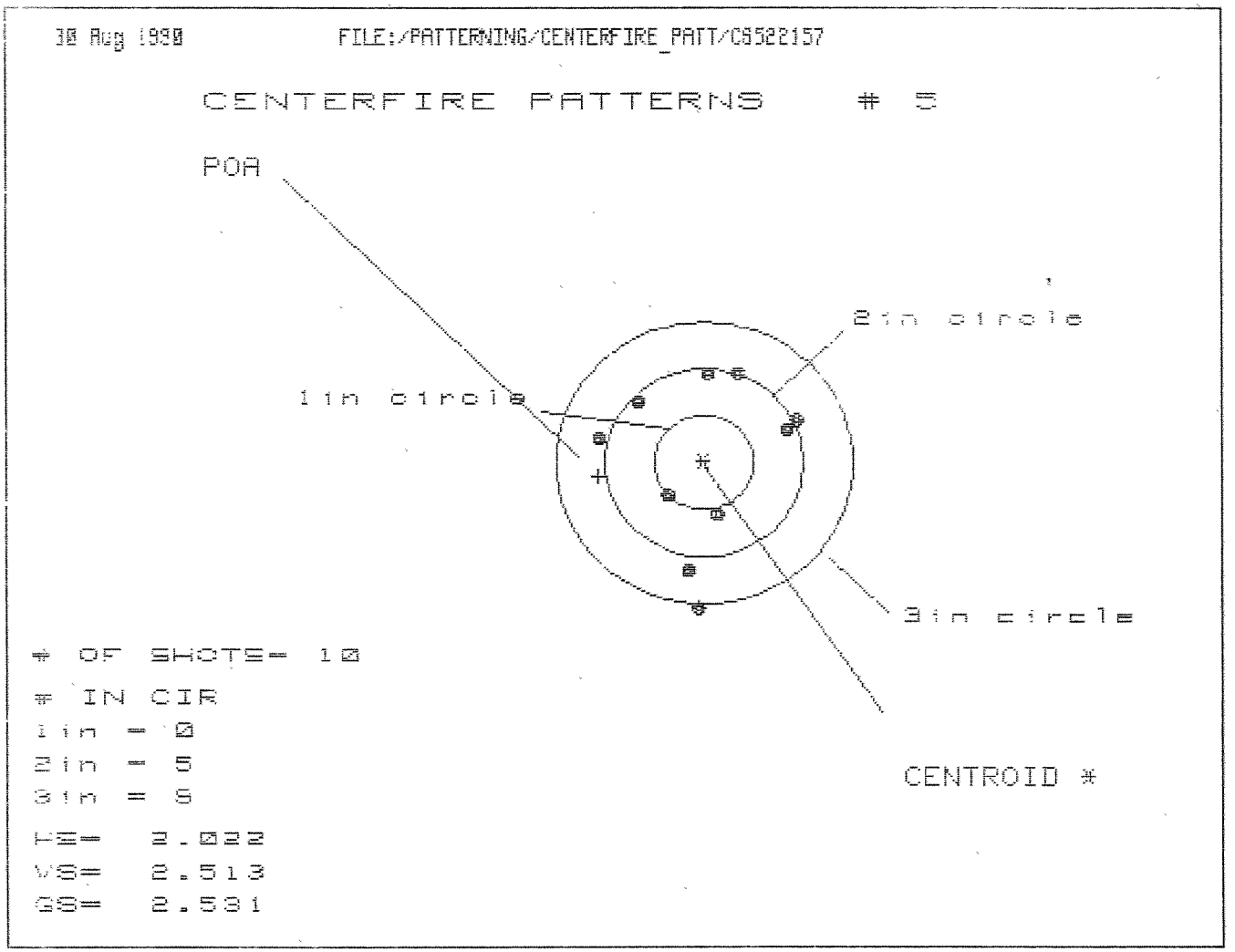
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.069	1.724	1.563
MINIMUM X	:	-1.511	-1.281	-1.340
MAXIMUM Y	:	.948	.932	.804
MINIMUM Y	:	-1.234	-1.250	-1.378
CENTROID X	:	-.194	-.424	-.263
CENTROID Y	:	-.592	-.576	-.448
POA TO CENTROID in.	:	.623	.715	.519
MIN RADIUS	:	.244	.409	.405
MEAN RADIUS	:	1.266	1.157	1.074
MAX RADIUS	:	2.074	1.760	1.638
HORIZONTAL SPREAD	:	3.580	3.005	2.903
VERTICAL SPREAD	:	2.182	2.182	2.182
EXTREME SPREAD	:	3.682	3.164	2.946
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	



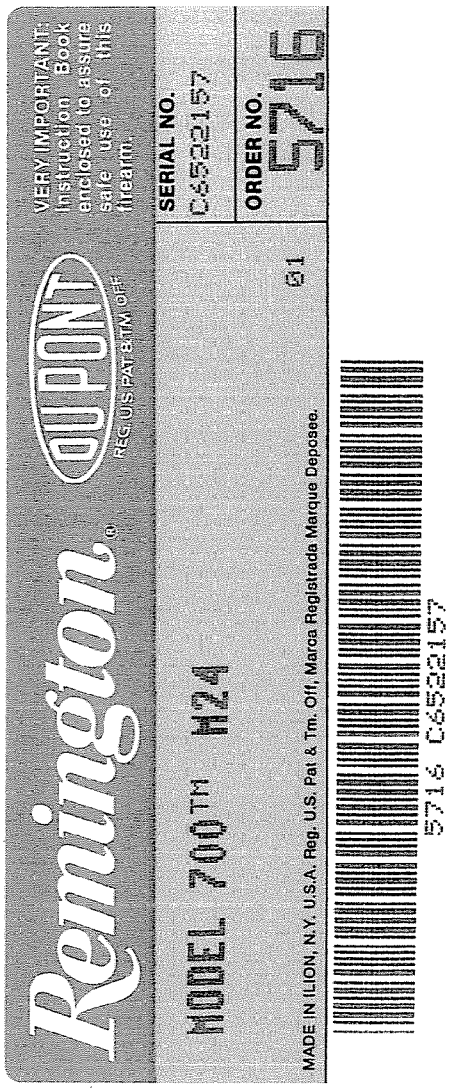
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.821	.651	.659
MINIMUM X	:	-1.538	-.899	-.891
MAXIMUM Y	:	1.585	1.659	.807
MINIMUM Y	:	-1.155	-1.081	-.873
CENTROID X	:	.420	.590	.582
CENTROID Y	:	-.141	-.215	-.423
POA TO CENTROID in.	:	.442	.629	.719
MIN RADIUS	:	.631	.472	.551
MEAN RADIUS	:	.999	.889	.764
MAX RADIUS	:	1.679	1.661	1.110
HORIZONTAL SPREAD	:	2.359	1.550	1.550
VERTICAL SPREAD	:	2.740	2.740	1.680
EXTREME SPREAD	:	2.745	2.745	1.786
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

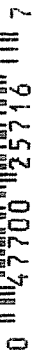


PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.513	1.314	1.436
MINIMUM X	:	-1.785	-1.555	-1.433
MAXIMUM Y	:	1.096	1.084	.529
MINIMUM Y	:	-.594	-.606	-.471
CENTROID X	:	.407	.606	.484
CENTROID Y	:	-.057	-.045	-.180
POA TO CENTROID in.	:	.411	.607	.517
MIN RADIUS	:	.130	.321	.263
MEAN RADIUS	:	1.111	1.035	.961
MAX RADIUS	:	1.789	1.604	1.528
HORIZONTAL SPREAD	:	3.298	2.869	2.869
VERTICAL SPREAD	:	1.690	1.690	1.000
EXTREME SPREAD	:	3.298	2.916	2.916
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.924	.922	.901
MINIMUM X	:	-1.098	-1.100	-1.121
MAXIMUM Y	:	.960	.788	.617
MINIMUM Y	:	-1.553	-1.365	-.938
CENTROID X	:	1.064	1.066	1.087
CENTROID Y	:	.147	.319	.490
POA TO CENTROID in.	:	1.074	1.113	1.192
MIN RADIUS	:	.515	.658	.617
MEAN RADIUS	:	.991	.915	.836
MAX RADIUS	:	1.553	1.375	1.123
HORIZONTAL SPREAD	:	2.022	2.022	2.022
VERTICAL SPREAD	:	2.513	2.153	1.555
EXTREME SPREAD	:	2.531	2.203	2.033
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C4522157
ORDER NO.
516
MODEL 700 TM M24
01
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C4522157


UPC
0 47700 25716 7

SWS TRIGGER PULL TEST

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

SERIAL NO. C6522157
DATE 8/27/90
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.39	2.25	2.17	MIN. SETTING,
PULL #2	2.37	2.38	2.30	2.20	NO AVG. OF 5
PULL #3	2.47	2.34	2.24	2.19	READINGS ACCEPT-
PULL #4	2.30	2.20	2.24	2.05	ABLE LESS THAN 2#
PULL #5	2.32	2.24	2.20	2.27	
TOTAL	11.93	11.54	11.15	10.88	
AVG.	2.386	2.308	2.23	2.176	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.27		
PULL #2	3.20	3.25		
PULL #3	3.31	3.23		
PULL #4	3.27	3.24		
PULL #5	3.24	3.23		
TOTAL	16.29	16.21		
AVG.	3.258	3.242		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.16		4.20
PULL #2	4.13	4.12		4.23
PULL #3	4.16	4.23		4.32
PULL #4	4.13	4.22		4.29
PULL #5	4.15	4.25		4.30
TOTAL	20.72	20.98		21.34
AVG.	4.142	4.196		4.268

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522157

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12	90	RW
600	Proof	7 12	90	RW
607	Check Headspace	7 12	90	RW
610	Dis-assemble Gun	7. 12	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	KR
615	Rollmark Caliber		7-12-90	RL
617	Drill and Tap Sight Holes		7/27/90	KB
618	Polish Barrel RB		7/27/90	KB
620	Apply Coatings (Barrel Action)		8-8-90	RW
	Apply Coating (Bolt)			RW
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/21/90	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/24/90	WS
	G) Safety Off Force	2¼	2¼	2¼			8/24/90	WS
	H) Trigger Pull Test & Retainability						8/27/90	JH
	I) Firing Pin Indent	.022	.022	.022			8/24/90	WS
	J) Assemble Stock						8/27/90	RW
	K) Assemble Swivel Studs						9/5/90	RW
	L) Attach Front and Rear Sight Assemblies						8/27/90	RW
	M) Iron Sight Alignment						8/27/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/27/90	RW
	O) Attach Scope to Rifle						8/27/90	RW
	P) Detach & Attach Scope 20 Times						8/27/90	RW
640	Gallery Target & Test						8-30-90	DH
	A) Time						8-30-90	DH
	B) Malfunctions						8-30-90	DH
	C) Pierced Primers						8-30-90	DH
	D) Optical Clearity of Scope						8-30-90	DH
645	Inspect for Live Ammo						8-30-90	DH
655	Final Inspection A) Headspace						9/5/90	RW
	B) Trigger Pull	2.17	2.20	2.19	2.05	2.27	9/11/90	JH
	C) Function						9/5/90	RW
660	Pack						9-18-90	JH