

April 1, 1965

Received Sear - P. Metal Part
from John Brooks

TION SHEET

SECTION 1

PROD

PAGE NO

WORKS

DATE 4 - 1

1965

Gun # 139457 } w/P.M. SEAR
" 139413 }
" 139312 }

Gun # 139609 } w/Production Parts
" 139555 }
" 139298 }

PROD SEARS	
TRI9 PULL	
" x	4.75
"	4.75
" .001	4.50
"	4.75
" x	4.75
"	4.75
"	4.50
"	4.75
"	4.75

10	.019 "	5.00	.0185 "	4.75	
AVE - .0193 "		AVE 4.95	AVE - .0184 " - AVE - 4.65		
39312	F.P.I.	TRI9 PULL	139555	F.P.I.	TRI9 PULL
1	.0185 " x	5.25	.0195 "	5.00	
2	.019 "	5.00	.020 " x .001	5.00	
3	.0185 " .001	5.50	.019 " x	5.00	
4	.019 "	5.50	.0195 "	5.25	
5	.0195 " x	5.50	.019 "	5.25	
6	.019 "	5.75	.019 "	5.25	
7	.019 "	5.75	.0195 "	5.25	
8	.0195 "	5.75	.0195 "	5.00	
9	.019 "	5.75	.0195 "	5.00	
10	.019 "	5.50	.020 "	5.00	
AVE .019 "		AVE 5.47	AVE - .0195 "		AVE - 5.10
39413	F.P.I.	TRI9 PULL	139298	F.P.I.	TRI9 PULL
1	.019 "	5.50	.0185 " x	5.50	
2	.019 "	5.25	.019 "	5.75	
3	.0195 " x .001	6.00	.019 " .001	5.25	
4	.0185 " x	5.50	.019 "	5.25	
5	.019 "	5.50	.019 "	5.25	
6	.019 "	5.75	.019 "	5.00	
7	.019 "	5.75	.0195 " x	5.25	
8	.019 "	5.75	.019 "	5.25	
9	.019 "	6.00	.0195 "	5.25	
10	.019 "	6.00	.019 "	5.25	
AVE .019 "		AVE 5.70	AVE - .019 "		AVE - 5.30

Form 803345

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO

2

TITLE OF PROJ. Borden Metal Seal vs Production PartsSUBJECT: M-700 - 243 Cal - 2nd Dry Cycle test

DRAWN BY

WORKS

39457 W/ Borden Metal Seal

100 Cycles

CONV.

139609

W/ Prod. Parts

19

<u>Firing Pin Indent</u>	<u>Trig Pull</u>	<u>F.P. Indent</u>	<u>Trig Pull</u>
.0195" x	5.25	.018"	6.25
.0185" x .001	5.25	.018" .001	6.75
.0195"	5.25	.018"	6.25
.0145"	5.50	.018"	6.50
.0185"	5.50	.018"	6.00
.0195"	5.50	.018"	6.00
.019"	5.50	.018" x	6.25
.0195"	5.25	.0185" x	6.00
.0195"	5.25	.0185"	6.00
.019"	5.50	.0185"	6.00

.0192" ✓ 5.37

.0182" 6.20

39312

F.P. Indent W/P.M. Seal

100 Cycles

TRIG Pull

139355

F.P.I. W/Prod. Parts

100 Cycles

TRIG Pull

.019"	5.75	.020" x	5.00
.018" x	5.50	.019" x .001	5.25
.0185"	5.00	.019"	5.00
.018" .002	5.50	.0195"	5.25
.0195"	6.00	.0195"	5.50
.0195"	6.00	.019"	5.50
.019"	6.75	.019"	5.25
.020" x	6.50	.020"	5.25
.0185"	6.50	.019"	5.25
.0185"	5.50	.0195"	5.25

.0189" ✓ 5.85

.0194" ✓ 5.25

39413

F.P. Indent W/P.M. Seal

100 Cycles

TRIG Pull

139295

F.P.I. W/Prod. Parts

100 Cycles

TRIG Pull

.019"	6.50	.0185" x	6.25
.0195" x	6.00	.019" x .0005	6.00
.019"	6.00	.019"	6.00
.019" .001	6.00	.0185"	5.75
.019"	6.25	.019"	5.75
.0185" x	6.25	.0185"	6.00
.019"	6.00	.0185"	6.25
.0195"	6.00	.019"	5.75
.0195"	6.25	.019"	5.50
.0195"	6.50	.019"	5.75

Form 803243

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

DRAWING SHEET

SHEET NO

3

TITLE OF PROJ Powder Metal Gun vs Prod Parts

PROJ NO

SUBJECT M-700 -243 Cl

WORKS

200 CyclesDATE 4-5

1965

139457	F.P. INDENT W/P.M. Gun	TRIG PULL	139609	F.P. INDENT W/Prod Parts	TRIG PULL
.019 "		5.75	.019 " x		5.50
.019 "		6.00	.0185" x .0005		5.25
.019 "		5.50	.0185"		5.25
.019 "		5.50	.0185"		5.25
.019 "		5.50	.019 "		5.25
.019 " x		5.50	.0185"		5.25
.0195 " x .0005		5.75	.0185"		5.00
.019 "		5.50	.0185"		5.00
.0185 "		5.50	.0185"		5.00
.0185 "		5.25	.0185"		5.00
.0189 " v		5.57	.0186 " v		5.17
139412	F.P. I. W/P.M. Gun	TRIG PULL	139555	F.P. I. W/Prod Parts	TRIG PULL
.019 "		5.50	.0185" x		5.50
.019 " x		5.50	.019 "		5.75
.0185 " x .0005		5.75	.0195 " x .001		5.75
.019 "		5.75	.0195 "		5.50
.0185 "		5.50	.0185 "		5.50
.019 "		5.50	.019 "		5.75
.0185 "		5.50	.0195 "		5.50
.0185 "		5.75	.0185 "		5.75
.0185 "		5.50	.0195 "		5.25
.0185 "		5.50	.0195 "		5.25
.0187 " v		5.57	.0191 " v		5.53
139413	F.P. I. W/P.M. Gun	TRIG PULL	139298	F.P. I. W/Prod Parts	TRIG PULL
.0195 "		5.25	.019 "		5.50
.0195 "		5.25	.019 "		5.75
.0195 " x .0005		5.25	.019 "		5.75
.019 " x		5.25	.019 " x .0001		5.50
.0195 "		5.50	.0195 " x		5.50
.019 "		5.25	.0195 "		5.50
.019 "		5.75	.019 "		5.75
.019 "		5.25	.019 "		5.75
.019 "		5.50	.019 "		5.75
.019 "		5.50	.019 "		5.50

Form 1031-1
1-4WASHINGTON ARMS CO
ENGINEERING DEPARTMENT

-11-

3-EST NO

X

TITLE OF PROJ. Powder Metal Seal vs Prod Parts

PROJ NO

SUBJECT M-700-243 Cal

DATE

300

4-19-1965

39457	F.P.I. W/P.M. Seal	Trig Pull	139609	F.P.I. W/Prod Parts	Trig Pull
	.0185"	5.25		.0180"	5.25
	.018"	5.50		.0175"	5.00
	.0185" .0005	5.25		.019" .001	5.25
	.0185"	5.25		.019"	5.00
	.018"	5.75		.018"	4.75
402	.0183" ✓	5.40		.0183" ✓	5.25
9312	F.P.I. W/P.M. Seal	Trig Pull	139535	F.P.I. W/Prod Parts	Trig Pull
	.018"	5.25		.0205"	5.25
	.0185" .001	5.00		.020"	5.50
	.0175"	5.25		.0195" .001	5.50
	.0180"	5.25		.020"	5.50
	.0185"	5.50		.0195"	5.50
	.0181" ✓	5.25		.0199" ✓	5.45
9413	F.P.I. W/P.M. Seal	Trig Pull	139295	F.P.I. W/Prod Parts	Trig Pull
	.0195"	5.75		.0195"	5.50
	.0195"	5.50		.0195" .002	5.25
	.0195" .001	5.75		.0175"	5.50
	.0195"	5.50		.0185"	5.50
	.0195"	5.50		.019"	5.25
	.0195" ✓	5.60		.0189" ✓	5.40

4-19-65

14 days since last contact

Trigun Pull

New Crushers (1000) Received 4-15-65

Taking 5 readings from 200 Cycles on
C.B. Workman

Form 103145

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO

TITLE OF PROJ: Powder Metal Sear vs Rod Parts

PAGE NO

SUBJECT: M-720 - 243 Cal

WORKS

400 Cycle

DATE: 4-19 - 1965

39459	F.P.I. W/P.M. Sear	Trig Pull	132109	F.P.I. W/Rod Parts	Trig Pull
	.019"	5.75		.0185"	5.75
	.018"	5.75		.019" .0005	5.50
	.019" .0015	5.50		.0185"	5.50
	.0195"	6.00		.0185"	5.25
	.019"	5.50		.0185"	5.50
	.0189" ✓	5.70		.0186" ✓	5.50
39412	F.P.I. W/P.M. Sear	Trig Pull	139555	F.P.I. W/Rod Parts	Trig Pull
	.019"	4.75		.019"	6.00
	.018"	5.00		.0195"	6.00
	.018" .0015	4.75		.019" .001	5.75
	.0175"	5.50		.0195"	6.25
	.0185"	5.25		.020"	6.25
	.0182" ✓	5.25		.0194" ✓	6.05
39403	F.P.I. W/P.M. Sear	Trig Pull	139298	F.P.I. W/Rod Parts	Trig Pull
	.0185"	5.25		.019"	6.25
	.019"	5.50		.019"	6.25
	.018" .001	5.25		.018" .001	6.25
	.019"	5.25		.018"	6.00
	.0185"	5.50		.019"	5.75
	.0186" ✓	5.35		.0186" ✓	6.10

Form 805542

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPL.

SHEET

SHEET NO

6

TITLE OF PROJ. Powder Metal Seals VS Prod. Parts

PROJ. NO.

SUBJECT M-700 - 243 Cal.500 Cycles

WORKS

DATE 4-19

1965

139457	F.P.I. W/P.M. Seal	TRIG PULL	139409	F.P.I. W/Prod Parts	TRIG PULL
.0195"		5.25	.018"		5.25
.019" .0015		5.00	.017"		5.25
.018"		5.00	.018" .001		5.25
.018"		4.75	.017"		5.00
.019"		4.75	.0175"		5.25
.0187" ✓		5.94	.0175" ✓		5.20
39312	F.P.I. W/P.M. Seal	TRIG PULL	139555	F.P.I. W/Prod Parts	TRIG PULL
.0175"		5.00	.0205"		5.75
.0175"		4.75	.0205"		5.50
.0175" .001		5.25	.0195" .0015		5.25
.018"		4.75	.0195"		5.50
.017"		4.75	.0190"		6.00
.0175" ✓		4.90	.0198" ✓		5.60
39413	F.P.I. W/P.M. Seal	TRIG PULL	139298	F.P.I. W/Prod Parts	TRIG PULL
.0195"		6.00	.0195"		6.50
.0195"		6.00	.0195"		6.50
.020" .0025		6.00	.0185" .001		6.25
.0195"		5.50	.019"		6.25
.0175"		6.25	.019"		6.50
.0192" ✓		5.75	.0189" ✓		6.40

Form 825145

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPLETION SHEET

SHEET NO

7

TITLE OF PROJ. Powder Metal Leans vs Prod Parts

PROJ NO

SUBJECT M-700-243 Cal.

WORKS

1000 CycleDATE 4-20

1965

39457	<u>F.P.I. W/P.M. Leans</u>	<u>TR19 Pull</u>	139609	<u>F.P.I. W/Prod Parts</u>	<u>TR19 Pull</u>
	.020 "	5.25		.0190 "	6.25
	.0195 "	5.25		.0185 " .001	6.25
	.0195 " .001	5.00		.0190 "	6.25
	.0190 "	5.75		.0185 "	6.50
	.0200 "	5.00		.0180 "	6.75
	.0196 " ✓	5.25		.0186 " ✓	6.40
39312	<u>F.P.I. W/P.M. Leans</u>	<u>TR19 Pull</u>	139555	<u>F.P.I. W/Prod Parts</u>	<u>TR19 Pull</u>
	.0175 "	5.25		.0175 "	6.00
	.0190 "	5.75		.0190 " .0015	6.00
	.0175 " .0005	5.50		.0200 "	5.75
	.0180 "	5.50		.0205 "	6.25
	.0175 "	5.75		.0205 "	6.25
	.0177 " ✓	5.55		.0199 " ✓	6.25
39413	<u>F.P.I. W/P.M. Leans</u>	<u>TR19 Pull</u>	139291	<u>F.P.I. W/Prod Parts</u>	<u>TR19 Pull</u>
	.0185 "	6.25		.0195 "	6.25
	.0190 "	6.50		.0185 "	6.25
	.0195 "	6.00		.0195 " .0015	6.25
	.0180 " .001	6.50		.0200 "	6.50
	.0190 "	6.50		.0185 "	6.75
	.0186 " ✓	6.35		.0192 " ✓	6.40

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO

8

TITLE OF PROJ Powder Metal Seal vs Prod Parts

FIG. NO

SUBJECT M-700-.243 Cal

WORKS

1,500DATE 4-20 19 65

39457	<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139609	<u>F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
	.0195"	5.25		.0190"	5.25
	.0200"	5.25		.0185"	5.25
	.0200" .001	5.25		.0190" .001	5.25
	.0190"	4.75		.0195"	5.75
	.0195"	5.50		.0185"	5.50
	.0196" ✓	5.20		.0189" ✓	5.40
39312	<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139555	<u>F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
	.0185"	4.75		.0205"	5.75
	.0185"	4.75		.0200"	5.50
	.0190" .001	5.50		.0195" .001	5.50
	.0180"	5.50		.0195"	5.75
	.0180"	5.00		.0205"	6.25
	.0184" ✓	5.50		.020" ✓	5.75
39413	<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	139295	<u>F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
	.0185"	6.00		.0190"	6.00
	.0170" .0015	6.50		.0185"	7.50
	.0185"	5.75		.0190" .001	7.50
	.0180"	6.50		.0185"	7.50
	.0180"	6.00		.0180"	6.25
	.0180" ✓	6.15		.0186" ✓	6.95

Form E03545

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO

9

TITLE OF PROJ:

Powder Metal Seal vs Prod Parts

PROJ. NO

SUBJECT:

M-700-24362

WORKS

2000 Cycles

DATE 4-2

1965

39457

F.P.I. W/P.M. Seal	TRIG Pull	F.P.I. W/Prod Parts	TRIG Pull
.0185"	5.25	.0190"	6.50
.0185"	4.50	.0185"	5.75
.0190" .0015	4.75	.0180" .001	6.00
.0195"	4.75	.0180"	6.50
.0180"	4.50	.0190"	6.25
.0187" ✓	4.75	.0185" ✓	6.20

39312

F.P.I. W/P.M. Seal	TRIG Pull	F.P.I. W/Prod Parts	TRIG Pull
.0185"	5.50	.0190"	5.75
.0190" .0005	5.50	.0190" .001	5.25
.0190"	5.75	.0195"	5.75
.0185"	6.00	.0200"	5.50
.0185"	5.75	.0190"	5.75
.0187" ✓	5.70	.0193" ✓	5.60

39413

F.P.I. W/P.M. Seal	TRIG Pull	F.P.I. W/Prod Parts	TRIG Pull
.0185"	6.50	.0190"	7.25
.0190" .001	6.25	.0190" .0005	7.25
.0180"	5.75	.0190"	7.25
.0185"	6.75	.0185"	7.75
.0185"	6.25	.0185"	6.75
.0185" ✓	6.30	.0188" ✓	7.25

Form 102245

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

CHECKED OVER SHEET

SHEET NO

10

TITLE OF PROJ. Powder Metal Gear VS Prod Parts

SUBJECT M-700 - 243 Cal

2,500

PROJECT NO.

WORKS

DATE

19

39457

<u>F.P.I. W/P.M. Gear</u>	<u>TRIG Pull</u>	139609	<u>F.P.I. W/Prod Parts</u>	<u>TRIG Pull</u>
.0185"	5.25		.0180"	5.00
.0185"	5.50		.0185"	5.75
.0185" .001	5.00		.0180" .0005	5.25
.0180"	4.75		.0180"	5.50
.0190"	5.25		.0180"	5.50
.0185" ✓	5.85		.0181" ✓	5.40

39312

<u>F.P.I. W/P.M. Gear</u>	<u>TRIG Pull</u>	139555	<u>F.P.I. W/Prod Parts</u>	<u>TRIG Pull</u>
.0185"	6.50		.0200"	6.25
.0180"	6.75		.0195"	6.00
.0180" .0015	5.75		.0205" .001	6.00
.0180"	6.50		.0205"	5.75
.0170"	7.25		.0200"	5.75
.0179" ✓	6.55		.0205" ✓	5.95

39413

<u>F.P.I. W/P.M. Gear</u>	<u>TRIG Pull</u>	139298	<u>F.P.I. W/Prod Parts</u>	<u>TRIG Pull</u>
.0180"	6.50		.0200"	7.25
.0170"	6.00		.0190" .0015	6.75
.0185" .0015	6.25		.0205"	7.50
.0180"	6.50		.0205"	6.75
.0180"	6.75		.0205"	7.50
.0179" ✓	6.40		.0201" ✓	7.25

Form 80544

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPANY SHEET

SHEET NO

11

TITLE OF PROJ. Powder Metal Seals vs Prod Parts
 SUBJECT M-700 - 243 Cal

PAGE NO

WORKS

3000

DATE 4-21

1965

39457

<u>F.P.I. W/P.M. Seals</u>	<u>Trig Pull</u>	<u>F.P.I. W/Prod Parts</u>	<u>Trig Pull</u>
.0195"	5.50	.0175"	5.50
.0195"	5.25	.0180"	5.25
.0190" .0005	6.00	.0190" .0015	5.25
.0190"	5.25	.0175"	5.25
.0195"	5.75	.0180"	5.00
.0193" ✓	5.55	.0180" ✓	5.25

39312

<u>F.P.I. W/P.M. Seals</u>	<u>Trig Pull</u>	<u>F.P.I. W/Prod Parts</u>	<u>Trig Pull</u>
.0180"	6.00	.0185"	5.25
.0180"	7.00	.0200	5.25
.0185" .0005	5.75	.0205" .0025	6.00
.0185"	6.50	.0180"	6.00
.0180"	7.25	.0195"	6.00
.0182" ✓	6.50	.0193" ✓	5.70

39413

<u>F.P.I. W/P.M. Seals</u>	<u>Trig Pull</u>	<u>F.P.I. W/Prod Parts</u>	<u>Trig Pull</u>
.0175"	7.25	.0190"	9.00
.0185" .0015	7.50	.0195"	10.00
.0180"	7.00	.0195"	10.00
.0180"	8.25	.0195" .0005	8.75
.0170"	8.50	.0190"	9.75
.0178" ✓	7.70	.0193" ✓	9.50

Form RDS-41

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO

12

TITLE OF PROJ. Tarden metal Seal vs. Prod Parts

PROJ NO

SUBJECT M-700 - 243 Cal

WORKS

4000

DATE 4-21

1965

39457	F.P.I. W/P.M. Seal	TRIG PULL	139457	F.P.I. W/Prod Parts	TRIG PULL
	.0180"	5.25		.0180"	5.50
	.0200" .002	5.75		.0180"	5.25
	.0185"	5.00		.0180" .001	5.25
	.0185"	5.25		.0180"	4.75
	.0185"	5.50		.0190"	4.75
	.0187" ✓	5.35		.0182" ✓	5.10

39317	F.P.I. W/P.M. Seal	TRIG PULL	139317	F.P.I. W/Prod Parts	TRIG PULL
	.0185"	8.50		.0190"	5.25
	.0185" .001	6.50		.0190"	5.00
	.0180"	8.50		.0200" .001	5.00
	.0185"	8.75		.0190"	5.50
	.0175"	8.25		.0190"	6.00
	.0182" ✓	8.10		.0192" ✓	5.35

39410	F.P.I. W/P.M. Seal	TRIG PULL	139410	F.P.I. W/Prod Parts	TRIG PULL
	.0195"	6.00		.0190"	10.00
	.0190"	6.75		.0180"	8.75
	.0195" .001	7.00		.0190" .002	9.25
	.0185"	7.25		.0195"	8.50
	.0185"	7.50		.0170"	9.75
	.0190" ✓	6.90		.0181" ✓	9.25

Form 103342

REMINGTON ARMS COMPANY.

ENGINEERING DEPARTMENT

COMPLETION SHEET

SHEET NO

13

TITLE OF PROJ.

Powder Metal Sear VS Prod Parts

PAGE NO

SUBJECT

77-700-243 Cal

5000

WORKS

DATE 4-21 1965

39457	F.P.I. W/P.M. Sear	TRIG Pull	139609	F.P.I. W/Prod Parts	TRIG Pull
	.0195"	5.25		.0180"	5.00
	.0200"	6.50		.0170"	4.75
	.0200" .0015	6.25		.0175"	4.75
	.0195"	6.50		.0175"	4.75
	.0185"	5.75		.0175"	4.50
	.0195" ✓	6.05		.0175" ✓	4.75
39312	F.P.I. W/P.M. Sear	TRIG Pull	139555	F.P.I. W/Prod Parts	TRIG Pull
	.0165"	9.50		.0190"	5.00
	.0180" .002	7.75		.0195" .0015	5.25
	.0170"	6.75		.0205"	5.25
	.0185"	8.00		.0200"	5.50
	.0180"	9.25		.0195"	5.50
	.0176" ✓	8.25		.0197" ✓	5.40
39413	F.P.I. W/P.M. Sear	TRIG Pull	139295	F.P.I. W/Prod Parts	TRIG Pull
	.0190"	7.25		.0185"	8.75
	.0185"	8.00		.0190"	8.75
	.0190" .001	8.50		.0190" .0005	8.50
	.0180"	6.75		.0185"	8.00
	.0180"	7.75		.0190"	8.75
	.0185" ✓	7.65		.0188" ✓	8.55

Form 103343

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

SHEET NO 14

TITLE OF PROJ. Pl Metal Seal v.s. Prod PartsSUBJECT M-700-.243 Cal 6,000 Cycles

39457	F.P.I. W/P.M. Seal	TRIS PULL	39459	F.P.I. W/Prod Parts	TRIS PULL
.0190"	6.00		.0195"	4.50	
.0190"	6.00		.0185"	4.25	
.0190"	6.50		.0185"	4.25	
.0190"	6.00		.0185"	4.75	
.0185"	6.75		.0190"	4.75	
.0189"	6.25		.0188"	4.50	

39312	F.P.I. W/P.M. Seal	TRIS PULL	39315	F.P.I. W/Prod Parts	TRIS PULL
.0180"	8.25		.0200"	6.25	
.0180"	7.25		.0195"	6.00	
.0175"	6.75		.0200"	5.75	
.0180"	8.75		.0195"	5.50	
.0175"	8.50		.0200"	5.75	
.0178"	7.90		.0198"	5.85	

39413	F.P.I. W/P.M. Seal	TRIS PULL	39415	F.P.I. W/Prod Parts	TRIS PULL
.0190"	8.75		.0190"	7.50	
.0190"	8.00		.0195"	7.25	
.0190"	8.50		.0185"	7.75	
.0190"	7.00		.0185"	8.50	
.0180"	8.50		.0195"	7.25	
.0188"	8.15		.0190"	7.65	

Form PD3545

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

DRAWING SHEET

SHEET NO

15

TITLE OF PRO:

Powder Metal Sear VS Prod Parts

SUBJECT

77-700 - 243 Cl

7000 Cycles

WORKS

DATE

19

39457	F.P.I. W/P.M. Sear	TRIG PULL	139109	F.P.I. W/Prod Parts	TRIG PULL
	.0185"	8.25		.0185"	4.50
	.0185"	7.25		.0185"	4.25
	.0195"	8.00		.0185"	4.25
	.0185"	8.75		.0195"	4.00
	.0195"	8.25		.0185"	4.25
	.0188"	8.10		.0184	4.25
39312	F.P.I. W/P.M. Sear	TRIG PULL	139355	F.P.I. W/Prod Parts	TRIG PULL
	.0185"	14.00		.0200"	6.00
	.0175"	10.00		.0200"	6.25
	.0175"	12.00		.0200"	5.75
	.0175"	11.50		.0195"	5.50
	.0175"	14.00		.0200"	5.50
	.0175"	12.30?		.0199"	5.80
39413	F.P.I. W/P.M. Sear	TRIG PULL	139398	F.P.I. W/Prod Parts	TRIG PULL
	.0185"	8.25		.0195"	7.25
	.0185"	8.25		.0185"	7.00
	.0185"	8.75		.0195"	6.25
	.0185"	9.75		.0200"	7.50
	.0185"	9.75		.0195"	6.00
	.0183"	8.95		.0193"	6.80

Form R25345

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO 16

TITLE OF PROJ Powder Metal Seals VS Prod Parts

SUBJECT

8,000 Cycles

WORKS

DATE

19

39457

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	<u>139609 F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
.0190"	7.50	.0180"	4.50
.0185"	6.50	.0165"	4.50
.0180"	6.50	.0185"	4.00
.0185"	7.75	.0180"	4.00
.0180"	6.75	.0185"	4.00
.0184"	7.00	.0179"	4.20

39312

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	<u>139555 F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
.0170"	10.25	.0180"	4.50
.0175"	9.25	.0185"	4.75
.0170"	10.00	.0190"	5.00
.0170"	10.25	.0180"	5.25
.0170"	10.25	.0190"	5.50
.0172"	10.00	.0185"	5.10

39413

<u>F.P.I. W/P.M. Seal</u>	<u>TRIG PULL</u>	<u>139296 F.P.I. W/Prod Parts</u>	<u>TRIG PULL</u>
.0170"	11.00	.0195"	6.75
.0180"	10.00	.0180"	6.50
.0185"	10.25	.0185"	6.75
.0180"	9.75	.0180"	6.75
.0180"	9.75	.0185"	7.75
.0180"	10.15	.0185"	6.90

Form R2345		REMINGTON ARMS COMPANY		ENGINEERING DEPARTMENT		SHEET		SHEET NO 17	
TITLE OF PROJ <u>Power Metal Seal VS Prod Part</u>		PAGE NO		WORKS		19			
SUBJECT <u>M-700 - 343 Cl</u>		<u>9,000 CYCLES</u>							
39457	<u>F.P.I. W/P.M. Seal</u>		<u>TRIG PULL</u>	139609	<u>F.P.I. W/Prod Part</u>		<u>TRIG PULL</u>		
	.019"		8.25		.0185"		4.50		
	.0185"		9.25		.0185"		4.00		
	.019"		9.50		.0185"		3.75		
	.0185"		6.75		.019"		4.00		
	.019"		9.00		.0185"		4.25		
	.0188"		8.55		.0186"		4.10		
39312	<u>F.P.I. W/P.M. Seal</u>		<u>TRIG PULL</u>	139555	<u>F.P.I. W/Prod Part</u>		<u>TRIG PULL</u>		
	.015"		10.25		.019"		4.75		
	.0165"		7.75		.0185"		5.00		
	.018"		9.25		.0185"		5.75		
	.017"		10.25		.0195"		5.50		
	.018"		11.25		.0185"		5.50		
	.0165"		9.75		.0188"		5.30		
39413	<u>F.P.I. W/P.M. Seal</u>		<u>TRIG PULL</u>	139296	<u>F.P.I. W/Prod Part</u>		<u>TRIG PULL</u>		
	.0185"		11.75		.019"		8.50		
	.018"		10.75		.019"		8.50		
	.0175"		11.00		.0185"		8.75		
	.017"		11.00		.0185"		7.75		
	.0175"		10.25		.0185"		9.00		
	.0177"		10.95		.0187"		8.50		

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SWEET 43

TITLE OF PROJ.

Lock Time 21700

PROJ NO

SUBJECT

Production parts 25 finished.

SEKK WORKS.

2040-7333

Eume

DATE. 4/20

18 65-

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

ENGINEERING DEPARTMENT

COMPUTATION SHEET

SHEET NO

TITLE OF PROJ.

M700 Lock Time

Proj No

SUBJECT:

Production parts US Powdered Metal

WORKS.

SEK

COMPUTER

DATE... 4/22 19 65

R2503910

Form 10534-1

REMINGTON ARMS COMPANY

ENGINEERING DEPARTMENT

COMPLETION SHEET

SHEET NO

18

TITLE OF PROJ. Powder Metal Seams VS Rod Parts

PAGE NO

SUBJECT M-700 - 243 Cal10,000 cycles

WORKS

DATE 4-23

1965

139457 F.P.I. W/P.M. Seams TRIG PULL		139609 F.P.I. W/Rod Parts TRIG PULL	
.0185"	6.25	.0190"	4.00
.0190"	6.25	.0185"	4.00
.0185"	6.50	.0185"	4.00
.0185"	6.50	.0185"	4.00
.0180"	6.00	.0185"	4.00
.0185"	6.30	.0186"	4.00
139312 F.P.I. W/P.M. Seams TRIG PULL		139555 F.P.I. W/Rod Parts TRIG PULL	
.0180"	10.25	.0185"	5.00
.0185"	12.00	.0185"	5.25
.0175"	12.50	.0185"	5.25
.0180"	11.50	.0190"	5.25
.0180"	10.75	.0185"	5.25
.0180"	11.40	.0186"	5.20
139413 F.P.T. W/P.M. Seams TRIG PULL		139295 F.P.I. W/Rod Parts TRIG PULL	
.0190"	7.00	.0190"	8.00
.0180"	6.75	.0185"	8.50
.0190"	7.00	.0190"	7.00
.0190"	6.75	.0180"	7.50
.0190"	6.75	.0195"	6.50
.0188	6.85"	.0188"	7.50