

RD-6738 Rev. 2/85

DCR

Sheet

of

DESIGN CHANGE REQUEST (DCR) ✓

OR

TRANSMITTAL OF DRAWINGS/PARTS LIST ✓

OR

PARTS LIST CHANGE NOTICE (PLCN) ✓

| Requested By     | Changed By       | Date     |
|------------------|------------------|----------|
| T.C. DOUGLAS     | A.A. HUGGCK      | 10/22/85 |
| Originating Date | Transmittal Date |          |
| 10/22/85         |                  |          |

| Model  | PART NAME / LIST                     | Drawing No. | Part No.      |
|--------|--------------------------------------|-------------|---------------|
| XP-100 | BARREL ASSEMBLY COMPLETE             | B31560      | 31560, 61, 62 |
| XP-100 | BARREL                               | C34945      | 34945, 46     |
| XP-100 | BARREL ASSEMBLY                      | C34950      | 34950, 51     |
|        | CHAMBER DRAWING-223 REM- "REM. ONLY" | LASO 7      |               |
|        | CHAMBER DRAWING-223 REM- "INQUIRIES" | LASO 7      |               |

| Dwg. NO.      | Rev. No. | DESIGN CHANGE                                            |
|---------------|----------|----------------------------------------------------------|
| B31560        |          | INITIAL TRANSMITTAL FOR MRP & 223 REM ADDED CALIBER.     |
| C34945        | 4, 5     | 223 REM. ADDED.                                          |
| C34950        | 11       | 223 REM. ADDED.                                          |
| C34950        | 12       | TABULATION FOR MRP ADDED.                                |
| 507 "REM"     | 13, 20   | XP100 USE ADDED                                          |
| 507 "INQUIRY" | 12, 15   | XP100 USE ADDED                                          |
| 507 "INQUIRY" | 13, 14   | CHAMBER DELETED, 700 YARD ADDED TO TABULATION OF TRUITS. |

Classification of Change

- ☒ Initial Transmittal  
☐ Functional Change  
☐ Safety Mechanism Revision  
☐ Appearance

NOTE: Any or all of the above changes require approval of DCR by  
Lab Director - New Products Research

☒ Other

*Adam A. Huggick*  
DESIGNER SIGNATURE

Reason for Change:

REV. NO 4, 5, 11, 12, 19, 20, 12, 15, - INITIAL TRANSMITTAL OF ADDED 223  
REM CALIBER TO MODEL XP-100 PISTOL.  
REV. NO. 13, 14 - UPDATED LASO7 "INQUIRIES" DWG TO BE SAME AS  
"REM ONLY" DWG.

Disposition of Parts on Hand: (Check Below)

☐ Scrap    ☐ Alter    ☐ Use Inventory    ☐ RD 6589 Attached

(P.E.C: If Part is either scrapped or altered)

APPROVED:

223 Rem. U.S. 6.56mm

TARGET DATA

12 IN. TWIST

A. 14 IN. TWIST

7511966

7511642

|             | <u>223</u>                            | <u>5.56</u>                           | <u>223</u>                            | <u>5.56</u>                           |
|-------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| PLHD -      | 1.85 <sup>+</sup> , 1.65 <sup>+</sup> | 2.2 <sup>+</sup> , 1.6 <sup>+</sup>   | 1.90 <sup>+</sup> , 1.65 <sup>+</sup> | 2.65 <sup>+</sup> , 1.56 <sup>+</sup> |
| 45NOTS      | 1.50 <sup>+</sup> , 1.00 <sup>+</sup> | 1.25 <sup>+</sup> , 1.0 <sup>+</sup>  | 1.05 <sup>+</sup> , 1.50 <sup>+</sup> | 1.90 <sup>+</sup> , 1.25 <sup>+</sup> |
| 25NOTS      | 1.40 <sup>+</sup> , 0.75 <sup>+</sup> | 1.00 <sup>+</sup> , 1.0 <sup>+</sup>  | 0.85 <sup>+</sup> , 1.00 <sup>+</sup> | 0.80 <sup>+</sup> , 0.80 <sup>+</sup> |
| HD - 40     | 1.55 <sup>+</sup> , 1.60 <sup>+</sup> | 2.22 <sup>+</sup> , 2.44 <sup>+</sup> | 1.80 <sup>+</sup> , 1.45 <sup>+</sup> | 2.22 <sup>+</sup> , 1.64 <sup>+</sup> |
| 45NOTS      | 1.40 <sup>+</sup> , 1.40 <sup>+</sup> | 1.20 <sup>+</sup> , 1.95 <sup>+</sup> | 1.55 <sup>+</sup> , 1.40 <sup>+</sup> | 1.85 <sup>+</sup> , 1.40 <sup>+</sup> |
| 35NOTS      | 0.90 <sup>+</sup> , 0.65 <sup>+</sup> | 0.80 <sup>+</sup> , 0.85 <sup>+</sup> | 0.85 <sup>+</sup> , 0.60 <sup>+</sup> | 1.25 <sup>+</sup> , 1.30 <sup>+</sup> |
| INFMC-55    | 1.85 <sup>+</sup> , 1.20 <sup>+</sup> | 1.78 <sup>+</sup> , 2.06 <sup>+</sup> | 2.10 <sup>+</sup> , 2.15 <sup>+</sup> | 1.34 <sup>+</sup> , 2.44 <sup>+</sup> |
| 300T 45NOTS | 1.30 <sup>+</sup> , 1.20 <sup>+</sup> | 1.20 <sup>+</sup> , 1.65 <sup>+</sup> | 1.70 <sup>+</sup> , 1.75 <sup>+</sup> | 0.95 <sup>+</sup> , 1.90 <sup>+</sup> |
| 300T 35NOTS | 1.15 <sup>+</sup> , 0.85 <sup>+</sup> | 0.65 <sup>+</sup> , 0.95 <sup>+</sup> | 0.20 <sup>+</sup> , 0.85 <sup>+</sup> | 0.40 <sup>+</sup> , 1.35 <sup>+</sup> |
| 2 GRAIN 16T | 23.20                                 | 25.80                                 | 24.35                                 | 27.00                                 |
| 55NOTS      | 9.70                                  | 12.30                                 | 11.05                                 | 11.85                                 |
| 45NOTS      | 7.80                                  | 8.25                                  | 8.95                                  | 9.25                                  |
| 35NOTS      | 5.70                                  | 5.25                                  | 4.35                                  | 5.90                                  |
| 2 GRAIN     | 1.29                                  | 1.43                                  | 1.35                                  | 1.50                                  |
| 35NOTS      | 1.62                                  | 2.05                                  | 1.84                                  | 1.98                                  |
| 45NOTS      | 1.30                                  | 1.38                                  | 1.49                                  | 1.54                                  |
| 35NOTS      | 0.95                                  | 0.88                                  | 0.73                                  | 0.98                                  |
| 55NOTS      | 0.24                                  | 0.31                                  | 0.27                                  | 0.53                                  |
| 45NOTS      | 0.18                                  | 0.35                                  | 0.25                                  | 0.40                                  |
| 5NOTS       | 0.28                                  | 0.14                                  | 0.29                                  | 0.38                                  |
| +3T         | 2.34                                  | 2.98                                  | 2.65                                  | 3.57                                  |
| 73T         | 1.84                                  | 2.43                                  | 2.24                                  | 2.74                                  |
| 0.011       |                                       | 1.20                                  | 1.40                                  | 2.12                                  |