

#5538

NOTE: See PLCN #123
1 thru 9

cc: V. G. De Reus
Chem & Met
File

Date 4-1-64

DESIGN CHANGE REQUEST
and
TRANSMITTAL OF DRAWINGS

Requested by	Changed by	Date
M.H.Walker	D.Bullis	4-1-64

To: P. B. Croop
R. B. Hurley

<u>Model</u>	<u>Part Name</u>	<u>Drawing No.</u>	<u>Part No.</u>
742-760	Front Sight Ramp Pin	A-17595	17595
700-742-760	Front Sight Ramp Pin Blank	B-16724	16724
760-C	Base, Rear Sight - R.S.S. Gr.	B-25310	25310
700-760	Front Sight Ramp Pin	B-24475	24477
700-742-760	Front Sight Ramp	B-28510	28510 28511(742)
700 BDL	Front Sight Ramp	B-15635	15635
700-742-760	Front Sight Screw	B-28505	28505
760(.223 Cal.)	Barrel Assembly	B-27955	27955
742-C	Barrel Assembly	C-26195	26195-6
700-742-760	F.S. Ramp Brazing Shim	C-20185	20185
700-742-760	Rear Sight Base	C-16454	16454
742	Barrel Assembly	D-24625	24625-6-8-30
760	Barrel Assembly	D-24615	24615-7-8-9-21
760-C	Barrel Assembly	D-25915	25915-8-9
700 ADL-BDL	Barrel Assembly	D-26265	All Cal.
700 ADL-BDL	Barrel	D-26285	26285-6-7-8-90 1-2
742-760	Barrel	D-24635	All Cal.

<u>Dwg. No.</u>	<u>Rev. No.</u>	<u>Recommended Design Change - Reason - Disposition of Parts</u>
A-17595	18	Remove part use for 742 & 760
B-16724	5	Add use 742 C & 760 C

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Sheet 2

Dwg. No.	Rev. No.	Recommended Design Change - Reason - Disposition of Parts
B-24665	-	Obsolete (See B-16724 & B-28510)
B-28510	-	New Dwg. for 700 - 760 - 742 Front Sight Ramp
B-25310	5	Remove 760 C usage (No. 25313)
B-24475	55	Remove 700 Front Sight Ramp Pin usage (No. 24477)
B-16717	-	Obsolete (See B-28510)
B-15362	-	Obsolete (See B-15631)
B-15635	-	New Dwg. for 700 BDL F.S. Ramp
B-19025	-	Obsolete (See B-28505)
B-28505	-	New Dwg. for 700 - 742 - 760 F.S. Ramp Screw
B-15361	-	Obsolete (See B-15631)
C-26195	12	Remove 17.094 $\pm$.010
	13	13.068 from muzzle to front rear sight hole
	14	Remove ramp. Add #6-48 threaded holes for screwed on ramp.
	15	Redimension .223 to bottom of threaded holes $\pm$.002
	16	Remove ramp pin & front sight ramp from table
	17	Add "full thread"/ ^{note} to bottom of tapped front sight holes
C-20185	29	Remove front sight brazing shim use for 700 - 742 - 760
C-16454	32	Add use for 742-C & 760-C
D-24625	101	Redraw and revise for screwed on ramp.

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Sheet 3

Dwg. No.	Rev. No.	Recommended Design Change - Reason - Disposition of Parts
D-24615	61	Revise view for screwed on ramp.
	62	Remove table showing screwed and brazed ramps.
	63	Remove ramp brazing view.
	64	Redimension depth of threaded rear sight holes $\begin{smallmatrix} .162 \\ .172 \end{smallmatrix}$
D-25915	13	Remove 17.094 $\pm .010$
	14	Add 13.068 to front rear sight hole from muzzle.
	15	Show screwed on ramp view (2 - 6-48 tapped holes)
	16	Redimension .255 to bottom of rear sight thread $\begin{smallmatrix} .184 \\ .172 \end{smallmatrix}$
D-26265	40	Revise and redraw - for screwed on ramp.
D-26285	14	Add 12.341 to $\begin{smallmatrix} .661 \\ .653 \end{smallmatrix}$ straight section
	15	Remove 8.000 & .601/.593 dia.
	16	Change 20" bbl. to 22"
	17	Remove bbl. blank note (superfluous)
D-24635	103	Add 12.341 basic to .661/.653 dia.
	104	Remove 8.000 basic & .6006/.5926 dia.
	105	Remove incl. T.P.I. .0115 and add .01186 to new section.
	106	Change 1.153/1.145 on breech to read $\begin{smallmatrix} 1.131 \\ 1.171 \end{smallmatrix}$ on dia. (This change eliminates mismatch between barrel and receiver.)
B-27955	1	Remove note regarding screwed-on ramp & pin (Not needed - See D-24615)
A-15781	-	Obsolete - See B-28510

These changes are being made to conform with the new method of locating sight bases as well as the addition of a .060 increase in dia. of the barrel O.D. at the muzzle, and screwed on front sight ramp. Parts are to be used until complete changeover, at which time all unused parts will be turned over to Arms Service for repair use.

Also changing 20" to 22" barrel.