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TO: MR. S. M. ALVIS

SUBJECT: MODELS 721, 722 AND 40X SAFETY

During the assembly of the pilot models of the 40X Centerfire it was discovered that all rifles had safeties very difficult to operate. Investigation of this difficulty brought out several conditions which would effect the operation of the safety.

- 1) Large bolt holes in the receiver which allows an increased gap between the sear and the top of the trigger connector in an uncocked position and a consequent increase in the lift required to place the safety in the off position.
- 2) Misplaced fire control holes in the receiver in the downward direction which gives the same effect as above.
- 3) Warpage of the receiver tang which also effectively increases the required lift on the safety.

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MHW:ejb