

Remington Arms Company, Inc.
Ilion Research Division

cc: E. F. Barrett with several
attachments. See Linde file

Ilion, New York
March 4, 1977

TO: W. E. LEEK
FROM: J. P. LINDE
SUBJECT: MOHAWK 600 RIFLES FOR EXPORT TO AUSTRALIA

I recommend that no alterations be made to the Mohawk 600 rifles being exported to Australia based on the following information.

The trigger adjustment mechanism on the Mohawk 600 has been investigated from a reliability standpoint. The basic question raised is will the rifle trigger mechanism stay in adjustment over an extended period of time. The answer to this question is yes based on the experience we have with the Mohawk 600 and Models 721 and 722. Both the Model 721 and 722 have the same type of fire control with a folded housing and staked adjustment screws. The Mohawk 600 has an added degree of security as the adjusting screws are also sealed with DuPont Duco cement. In conclusion, it has been our experience that these rifles will not change adjustment with continued usage.

The next question raised on the Mohawk 600: is it adjustable in the field by the customer? The answer is no. The Gun Owner's Instruction Folder supplied with each rifle states that the trigger assembly is factory sealed to the correct adjustment.

In the Field Service Manual supplied to gunsmiths we give clear concise details how to adjust the trigger assembly with proper instructions on resealing the screws.

In reviewing the Model 700 rifles being exported to Australia I have determined why their trigger assemblies are more deficient than those sold in the United States.

The alteration was made to the trigger assemblies in Australia due to an accident involving a Model 700. The customer had improperly adjusted his fire control, applied no locking cement, and after some usage, the rifle discharged unexpectedly. At the time of this incident the Gun Owner's Manual described how to make the adjustment

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to lighten the trigger pull. The Australian position was that, if it is adjustable, the adjusting screws should be able to be locked after adjustment. Our experience on the M/700 indicated that it would stay in adjustment without the jam screws, which we supplied, but the government prohibited the sale of these rifles until the alterations were completed. Since this time the gun owner's guide for all M/700s has been altered to read, "No adjustment of trigger by the owner is recommended. Trigger pull has been factory adjusted. Should any adjustment be necessary return rifle or see a Remington approved gunsmith".

The M/700 trigger assemblies are presently being sealed in place with DuPont Duce cement. The sear engagement screw, the most important, is also sealed with a Loctite type of adhesive. The Duco cement not only seals the screws but also indicates whether the screws have been tampered with.

So in conclusion the situation which existed in 1973 on the M/700 does not exist today. That is, we recommend that the customer does not make any alterations to his trigger assembly. We are also secure in the position that the screws will stay in position once adjusted.

J. P. Linde/nl
Manual Firearms Design
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