Dale Danner

From: **Trull, John C.**
Sent: **11/06/2000 05:34:01 PM**
To: **Danner, Dale; Diaz, Danny; Keeney, Mike; Franz, Scott**
CC: **Golemboski, Matt R.**
BCC:
Subject: **FW: 710 T&P**

Guys,

Below are some general comments regarding the 710 T&P that I sent to Ron, Matt and Al.

John

>-----Original Message-----
>From: Golemboski, Matt R.
>Sent: Monday, November 06, 2000 3:53 PM
>To: Trull, John C.
>Subject: RE: 710 T&P
>
>John Please send a copy of this to E'town so that the see the same information.
>
>-----Original Message-----
>From: Trull, John C.
>Sent: Monday, November 06, 2000 9:27 AM
>To: Bristol, II Ronald H.; Russo, Alfred D.
>Cc: Golemboski, Matt R.
>Subject: 710 T&P
>
>All,
>
>Below are my general comments pertaining to Marketing's visual examination for the Model 710 T&P.
>
>Packaging
>
>Overall, packaging looked good. There were no cartons damaged outside of a few minor tears which did not penetrate through the corrugated container. All guns were secure inside of the package and did not appear to have shifted. With the exception of three guns packaged without ISS keys, all required contents were present.
>
>Stock
>
>Overall appearance of the 710 stock was good. No marring to speak of was noticed. In my opinion, I saw nothing that would inhibit our ability to proceed with the production of the gun, however below are some comments which hopefully can be addressed with the implementation of a new mold at some point next year.
>
>* On approximately half of the guns, a noticeable gap existed along the left hand side of the barrel. In contrast, the right hand side of the barrel on the same guns showed very little or no gap. In the more extreme cases, when viewed from the muzzle, the barrel appeared off center in it's bedding.
>* On the same guns, a more noticeable gap appeared on the right rear corner of the receiver/stock mate (by the safety lever) than was visible on the left. With the both of these gap issues, it was almost as if the barreled action was not mounted straight into the stock.
>* On nearly all guns, the safety lever dug slightly into the stock when placed in the "fire" position. Mike Keeney said that the only good way to address this would be to build a shelf into the stock when a new mold was constructed.

>* One stock was observed with excessive "sink" on the left hand side. A "not to exceed" sample was identified which Mayfield will measure in order to obtain maximum acceptance criteria.
>
>Bolt Camming/Bolt Translation
>
>Force required to cam the bolt into battery was noted to be tight but acceptable on essentially all guns. My opinion is that if we can take measures to reduce this on future production, we should do so. The issue raised by all was how to consistently and accurately measure bolt camming force. No consensus was reached on how to do so. I feel strongly that we should explore developing a means to test this criteria on the Model 710.
>
>Bolt translation varied from gun to gun slightly with one gun being unacceptable with respect to this criteria. The gun in question is going to have both the receiver insert and bolt dimensions measured to determine if they exceeded specification. Again, the issue at hand is how to appropriately measure the forces required to cycle the bolt. As with the camming force, I feel a quantitative test is needed here in order to set acceptance criteria.
>
>
>All in all, I felt that the evaluation went well. Although there are areas in which we can improve, the guns were suited to move forward with the test.
>
>Any questions, please let me know.
>
>
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