

Jim Snedeker

From: Snedeker, Jim  
Sent: 01/13/2004 06:21:40 PM  
To: Franz, Scott  
CC:  
BCC:  
Subject: RE: E'town Shipment - Detent Spring/Pivot Pin Test

I'm not sure why this particular change is being made and may need to better understand why the change is being made to be able make any specific test recommendations that address the change. Perhaps we could discuss in the morning.

Other than that I would recommend a minimal amount of testing, measurement and inspection. I would agree with combining the DAT and T&P testing. I would suggest that Mayfield supply a sample of six rifles for test. I'd measure the safe on/off force even though there is no currently established specification ( other than a SAAMI min. of 1 lb.) just to be sure that force in each direction is not "excessive". I would do a minimum of functional testing - maybe a couple of boxes through each rifle with one being shot to 500 or 1000 rounds (roughly equivalent to 2500 to 5000 rounds on the guns @ 5 rounds per safe on/off cycle) just to evaluate the guns for unusual wear in the detent area. We might consider some dry cycling as long as we run some controls (i.e. current design) at the same time.

Whether we want to do any drop testing I think is an open question that we can discuss. I personally don't think that it's necessary in this case. That's about it. Quick and simple.

-----Original Message-----

From: Franz, Scott  
Sent: Tuesday, January 13, 2004 8:50 AM  
To: Snedeker, Jim  
Subject: FW: E'town Shipment - Detent Spring/Pivot Pin Test

Jim,

Please put together what you propose would be the testing required to implement this change. We're talking about a new Safety Spring and Pivot Pin only. They have built samples and measured for detent forces and function already. Since we're talking about using actual parts they'd use in production I see no reason why not to combine DAT and T&P on this one. What do you think? How many samples and what tests/measurements should we do. Please have something put together in a day or two so we can get back to Mayfield with our plan.

Thanks,  
Scott

-----Original Message-----

From: Boyles, Derek  
Sent: Monday, January 12, 2004 4:12 PM  
To: Franz, Scott  
Cc: Keeney, Mike  
Subject: RE: E'town Shipment - Detent Spring/Pivot Pin Test

Scott,

Mayfield completed its analysis of three prototype safety detent springs (F-300407) up to this point. Based on the safety on/off force data AND subjective data collected, we have a recommended detent spring/pivot pin combination. I discussed with Mike Keeney this morning...he is in agreement with Mayfield's recommendation.

If you recall from a phone conversation we had several weeks ago, you suggested developing a DAT/T&P style test plan to evaluate the change. Give me a call to discuss.