

> Sent: Tuesday, May 24, 2005 11:55 AM  
 > To: Foster, Greg  
 > Cc: Mead, Joseph P.; McGlory, Jeffrey; Orf, Robert J.; Trull, John; Allen, Gerald R.; Shoemaker, Christopher D.; Longo, Robert W.; Nagle, Thomas J.; McCormack, Timothy J.; Strabler, Michael F.  
 > Subject: RE: Two objectives I would like to put on the target radar  
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 > Greg,  
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 > In response;  
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 > 1. We do not want to change the trigger pull on LE rifles at this time. However, we will be switching to the new fire control this fall and it will have a trigger pull of 3 ½ to 5 ½ pounds. We are shooting for a max of 4 ½ pounds. I suggest that we wait until then.  
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 > 2. 308 Win headspace – SAAMI range is 1.630" to 1.640"  
 > Remington range is 1.6302" to 1.635" before proofing. It can go to 1.637" after proofing.  
 > Arms Service uses a max of 1.639" for used guns.  
 > All of our 308 Win chambers are made to these specifications including SWS, the exception being the Custom Shop.  
 > We will take a look at what is involved in holding the headspace to 1.632" max. for LE and SWS rifles.  
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 > 3. An item you don't mention is freebore. I am sure that Iron Brigade will admit that free bore is as important, if not more important, to accuracy than headspace.  
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 > 308 Win free bore length - SAAMI is 0.090"  
 > Remington is 0.1462"  
 > We are looking at what is involved to reduce the free bore on all 308 Win rifles to SAAMI  
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 > I will get back to you with a timeline for our action items in 2 and 3 above.  
 >  
 > Steve P.

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

From: Foster, Greg  
 Sent: Wednesday, April 06, 2005 10:24 PM  
 To: Perniciaro, Stephen  
 Cc: Mead, Joseph P.; McGlory, Jeffrey; Shoemaker, Christopher D.; Orf, Robert J.; Trull, John  
 Subject: Two objectives I would like to put on the target radar

I would have sworn we established a trigger pull variance and headspace variance back mid summer last year but have searched my computer and cannot find anything. I found the Shotgun trigger pull guidelines but nothing on rifles.

Trigger pull on 700 Police rifles

> Several recent encounters with professionals within the LE industry has directed my thinking toward this issue. During my trip this week to the plant, a quality audit was conducted which involved 10 - 700P LTR rifles. Chris S told me that the factory process call is for 4 ¾ lbs. - 6 ¾ lbs. Of the 10 guns, 7 were over 6 lbs and 5 were 6 ½ or over. None were over the 6 ¾ ceiling but 2 were right at it.

> For a police sniper, it comes down to the trigger and above 5 ½ is just too much. This is one complaint we hear regularly and when we hear it my team just tells the customer to send the rifle back to Tom Nagle or one of our warranty stations and get it adjusted. If they want it below 4lbs. We tell them to send the request on department letterhead. I know we are moving toward a new trigger in the fall for the SG guns and eventually the Police guns that will allow for a better /more consistent trigger, but in the meantime, I would like to have you guys consider moving the Police gun process for trigger pull to 4 - 5 ½ lbs.