

Subject: RE: Two objectives I would like to put on the target radar

FYI

In the SWS area, we don't use the Inspection Max plug at final inspection. All headspace is evaluated using the Bench Max plug only (1.635). In fact, we don't have an Inspection Max plug issued to the "floor".

With regards to reducing the free-bore in the M-24 barrels, I'm against it until we understand if it's going to be a detriment to the accuracy. Our customers have nothing but praise for that rifle's accuracy, while using the same free-bore standard that's used in all other 308's.

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

From: Perniciaro, Stephen  
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.; Streeter, Michael F.  
Subject: RE: Two objectives I would like to put on the target radar

Greg,

In response;

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.

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.

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.

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

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