

**Scott Franz**

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**From:** Franz, Scott  
**Sent:** 06/22/2000 09:02:46 AM  
**To:** Rages, Brian L  
**CC:**  
**BCC:**  
**Subject:** FW: Sear loading for the M/710

Brian,

Did you receive any info on this yet? Please jump on as soon as you know what they want. Sounds like just a force vector analysis using your 710 fire control model.

Also, you need to concentrate on 710 ISS dry cycle. May need this sometime in July.

Thanks,  
Scott

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>From: Danner, Dale  
>Sent: Tuesday, June 20, 2000 1:04 PM  
>To: Rages, Brian L  
>Cc: Franz, Scott; Golemboski, Matt R.; Keeney, Mike  
>Subject: Sear loading for the M/710

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>Brian,

>Someone from the Mayfield site will provide you shortly with information how they "load" the M/710 firecontrol sear (location-wise) in the fixture for production adjustment. Based on nominal criteria for the firing pin head geometry, firing pin spring, etc, please calculate what load should be applied externally in the fixture to simulate a typical load seen in the gun and provide that back to Mayfield.

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>Mayfield's fixture needs to reasonably model loading the firecontrol sees in the actual firearm so the trigger pull force can be reliability/accurately adjusted. . . . I believe what needs to happen is to establish an external loading to cause the sear / connector interface to see loads consist with a nominal firearm. This will allow static/dynamic pull forces at the trigger to accurately reflect the true pull. . . .

>Thks,  
>Dale

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