

**Dale Danner**

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**From:** Danner, Dale  
**Sent:** 06/20/2000 01:01:58 PM  
**To:** Rages, Brian L  
**CC:** Franz, Scott; Golemboski, Matt R.; Keeney, Mike  
**BCC:**  
**Subject:** Sear loading for the M/710

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.

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