

Mike Keeney

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**From:** Danner, Dale  
**Sent:** 04/11/2002 10:43:21 AM  
**To:** Thweatt, Ed T.; Keeney, Mike  
**CC:** Golemboski, Matt R.; Trull, John; Diaz, Danny; Franz, Scott  
**BCC:**  
**Subject:** M/710 "Holeless" Connector Test

Ed / Mike,  
Etown Test supports the change to a "holeless" connector design for the M/710 contingent on a process review by Mayfield to bring a dimensional issue on the connector back to model dimensions. The length of the 2deg30min ground surface is specified to be 0.075+/-0.025 while one of two measured connectors was outside the specification at 0.118. While the specification is not believed to have a material effect on the performance of the firecontrol as a whole it is none-the-less an out of tolerance dimension which should be addressed via process or re-specification.

Mayfield further requested an audit of a tempered scope rail mounting screw. Based on an eight gun / 100 round test Etown Test believes there to be no issue with the use of this tempered screw.

It should further be noted that through 100 rounds each on nine different guns feed malfunction performance was flawless !!!!  
Dale

> -----Original Message-----

>From: Franz, Scott

>Sent: Thursday, April 11, 2002 9:21 AM

>To: Danner, Dale

>Subject: M/710 "Holeless" Connector Test

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>Dale,

> Summary attached for recent 710 testing. Let me know if you have any questions/comments!!!

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>Thanks,

>Scott