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To Whom It May Concern,

We would like to thank IO Incorporated for the opportunity to conduct a test and evaluation on their M4 rifle platform. We tested a 16 inch barreled M4 with a mid-length gas system and M-LOK rail system. During the evaluation we used numerous different brands of magazines, including the ones that came with the rifle. We used M885 ball and Lake City 5.56 Frangible throughout the test.

To be clear from the beginning, this was not a destructive test. Instead we opted for a functionality and performance test for our present needs. The gun arrived pre lubed and ready to go. Since we were doing an evaluation we took the gun down to a field strip, inspected all parts and wiped down all moving parts and punched the bore with G96 brand CLP. We did no further lubrication during the test. We were really impressed with the cleanliness of the machining and the fit of the upper and lower, in a time when everyone is making AR15 rifles it's nice to see that extra detail go into the fit and finish.

We began shooting man sized swingers and plates just to get a feel for the gun. The gun weights just over 6 pounds and was noticeably lighter. We did this for a couple hundred rounds with no issues. Ejection was consistent throughout this initial round, so we loaded up a lot of different 30 round magazines from different manufacture and put up some paper targets.

Our goal here was to try and keep a decent shot group, while simultaneously heating up the weapon and doing as many magazine changes as possible. The first magazine was thirty rounds to establish a group. Then it was followed by the other 970 rounds. We did let the rifle sit a few times and allow the heat to permeate the entire weapon, and after approximately 400 rounds I had to start using a glove on the handguard hand. I think we could have done more before that was necessary if we had the available rubber inserts. The group expanded a little due to heat and the fact that we conducted this entire shoot offhand. The group did not change enough to warrant an issue with hitting your target.

The last few magazines we had we picked small things on the berm and shot for accuracy. Even as hot as it was we were hitting everything we aimed at. The person not shooting was watching the ejection and for any abnormalities while firing and none were noted. We had absolutely not failures of the gun to function throughout the test. The only hang up was one mag did not drop free but it was one of our old plastic range magazines definitely not the firearm.

If there are any questions regarding these weapons, please contact Bill Kirkland at 252-435-1967 or Bkirkland@AcademiTraining.com

Sincerely,

William I Kirkland III
Director – Office of Firearms and Explosives Control