

Remington Confidential

TLW0010AT - High Pressure Test:

While the gun may or may not survive intact all the way to 100,000 psi, the purpose of this test is to determine the extent of damage if an individual does purposely or accidentally handload such an extremely high pressure load. Use standard Remington high-pressure ammunition safety procedures for these tests. Work up the test loads by hand loading 11 rounds, select 10 rounds from the 11 and shoot for P&V. Retain the 11th round for the blow-up test. The average and standard deviation of the first ten rounds will define the probable pressure level and confidence interval for the pressure of the 11th round used for the blow-up. All testing will be done in the blow-up room using the high-speed video camera. Before removing or otherwise disturbing the test samples after blow-up photographs will be taken for the record. After collection and removal of the parts additional photographs of the various individual components will be taken for the record. All parts and will put in sample bags, boxed and temporarily stored for review if required.

TLW0010AU - Obstructed Bore Test:

One of the sample rifles will have a rifle bullet driven into the bore to a position immediately ahead of the chamber. A standard round will be loaded and fired remotely. All testing will be done in the blow-up room using the high-speed video camera. Before removing or otherwise disturbing the test samples after blow-up photographs will be taken for the record. After collection and removal of the parts additional photographs of the various individual components will be taken for the record. All parts and will put in sample bags, boxed and temporarily stored for review if required.

TLW0010AV - High Pressure & Obstructed Bore Test:

This final abusive test will involve both a high pressure round and an obstructed bore. The purpose of this test is to produce a catastrophic failure in the rifle to help determine the mode of failure, whether barrel, bolt or receiver. Procedures used in the above tests for high pressure and obstruction will be used for this test.

All testing will be done in the blow-up room using the high-speed video camera. Before removing or otherwise disturbing the test samples after blow-up photographs will be taken for the record. After collection