

Dimensional Certification: (ILION) These dimensions to be determined by Technical.

- Dimensions on frame that relate to function and locking will be measured to certify compliance to print. These dimensions to be determined by Technical.
- Dimensions of fore end iron assembly that relate to the operation of the firearm and those that were modified are to be measured.
- Dimensions that relate to top lever function to be measured.
- Dimensions on mono block assembly that relate to fit and function. This to include radius fits - mono block/frame sidewalls- that would induce stress marks on frame sidewalls.
- Also covered under this area would be the surface finish and contact coverage of the sear and hammer. Sear and Hammer notches as well as pivot pin hole location measurements.

Preliminary Measurements: (ILION)

- Measurements such as headspace, trigger pull, firing pin indent, bore and choke tube measurements
- Also included would be gun weight, overall length, barrel length and stock dimensions.

Field Cycle Test: (ILION)

- Test to be conducted outdoors in simulated field environment.
- A minimum of four shooters firing a variety of 12ga. 2 3/4" and 3" ammunition of Remington and competitive in manufacture.
- Malfunctions that occur are to be tabulated by firearm, shooter and ammunition type.
- Eight (8) firearms to be evaluated.

Pattern Test: (ILION & E'TOWN)

- Test to be conducted at 40yd. indoor range using only the full choke tube in each barrel. Pattern density with other tubes could be conducted during T & P at Ilion.
- A minimum of three and preferably five patterns per barrel will be fired.
- POI and pattern density to be determined within 30" circle.
- Ammunition to be used is Remington 2 3/4" Target 3 - 1 1/8 - 7 1/2 shot.
- Three (3) firearms to be evaluated. One of each barrel length being offered.

Endurance Test: (ILION & E'TOWN)

- Testing to be conducted indoors in shooting jack under controlled conditions.
- Ilion to fire the first 500rds. on each firearm to determine initial function. One firearm of each barrel length to be tested.