

1/25/93

TO: K.W.SOUCY
FROM: J.R.SNEDEKER

SUBJECT: PROPOSED O/U TRIAL & PILOT TESTING PROTOCOL

WE WILL REQUIRE A SAMPLE OF 30 GUNS FROM A SAMPLE OF 200 DONE BY THE PRODUCTION PROCESS. THE TEST PROGRAM WILL CONSIST OF THE FOLLOWING:

1. FIELD FUNCTION TESTING
SHOULDER SHOOTING - @ FISH & GAME CLUB USING A FULL RANGE OF REMINGTON AMMUNITION ALONG WITH MAJOR COMPETITOR'S AMMUNITION.
2. MEASUREMENTS
BASIC FIREARMS MEASUREMENTS; TRIGGER PULL, HEADSPACE, WEIGHT, ETC.
O/U SPECIFIC MEAS. ; LOCKING BOLT/MONO BLOCK CLR., BREECH FACE/MONO BLOCK CLR., ETC.
3. PATTERNS/POI EVALUATION.
4. DROP TESTING RECONFIRMATION.
5. STRENGTH TESTING / FAILURE MODE RETESTING .
6. ENDURANCE TESTING
USING "STEPPED SAMPLE" TEST PROTOCOL
FOR BOTH FUNCTION AND FAILURE RATE AND MODE OF FAILURE FOR ALL O/U COMPONENTS.
7. VISUAL; FOR BOTH FITS AND FINISHES
TO INCLUDE EXAMINATION FOR ALL NECESSARY STAMPS AND PROCESSING IDENTIFIERS SUCH AS "MAGNA-FLUX", PROOF, INSPECTION AND TEST, ETC.
8. ENVIRONMENTAL
HOT/COLD
DEBRIS TEST
NO LUBE/EXCESSIVE LUBE
SOLVENT TESTING
9. COMPLETE MATERIALS/HEAT TREATMENT CHECKS
TO INCLUDE SAMPLE(S) FOR X-RAY (BRAZE OF BBLs TO MONO-BLOCK).
10. HAND (OR MACHINE) "SLAM" TEST ON CLOSING.