

PROJECT # 241314
ENG: MIKE KEENEY
SHOOTER: STEVE WADE

THERMAL CYCLE TEST
GUN # A-8 SERIAL # 71126315

TRACKING # TLW 1216AF

- STEP # 1 SHOT GUN A-8 100 ROUNDS AT AMBIENT TEMPERATURE (NO MALFUCTIONS)
- STEP # 2 PLACED GUN IN FREEZER AT -20°F AND LEFT UNDISTURBED FOR 24 HOURS.
- STEP # 3 TOOK GUN OUT OF FREEZER AND PUT IN THE PRE-HEATED TEST CHAMBER AT 120°F AND LEFT GUN UNDISTURBED FOR 24 HOURS.
- STEP # 4 TOOK GUN OUT OF PRE-HEATED TEST CHAMBER AND PUT IN THE FREEZER AT -20°F AND LEFT UNDISTURBED FOR 24 HOURS.
- STEP # 5 TOOK GUN OUT OF FREEZER AND PUT IN THE PRE-HEATED TEST CHAMBER AT 120°F AND LEFT GUN UNDISTURBED FOR 48 HOURS.
- STEP # 6 TOOK GUN OUT OF PRE-HEATED TEST CHAMBER AND PUT IN THE FREEZER AT -20°F AND LEFT UNDISTURBED FOR 24 HOURS.
- STEP # 7 TOOK GUN OUT OF FREEZER AND PUT IN THE PRE-HEATED TEST CHAMBER AT 120°F AND LEFT GUN UNDISTURBED FOR 24 HOURS.
- STEP # 8 AT THE COMPLETION OF THE FINAL CYCLE (THE HEAT CYCLE) REMOVED THE GUN FROM THE CHAMBER AND ALLOWED COOLING TO AMBIENT TEMPERATURE (A MINIMUM OF SIX HOURS).
- STEP # 9 TOOK GUN TO TEST JACK USED AT START OF TEST AND SHOT 100 ROUNDS OF AMMO AT AMBIENT TEMPERATURE
- STEP # 10 REMOVED THE ACTION FROM STOCK AND INSPECTED

MALFUNCTIONS 0 CLEANED AND INSPECTED OK

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DATE	9/10/2003
TIME	10:00 AM
FREEZER TEMPERATURE	-20°F
HOURS IN FREEZER	24
MOVERS INITIALS	SW

2

DATE	9/11/2003
TIME	10:00 AM
TENNEY TEMPERATURE	120°F
HOURS IN TENNEY	24
MOVERS INITIALS	SW

3

DATE	9/12/2003
TIME	10:00 AM
FREEZER TEMPERATURE	-20°F
HOURS IN FREEZER	24
MOVERS INITIALS	SW

4

DATE	9/13/2003
TIME	10:00 AM
TENNEY TEMPERATURE	120°F
HOURS IN TENNEY	48
MOVERS INITIALS	PR

5

DATE	9/15/2003
TIME	10:00 AM
FREEZER TEMPERATURE	-20°F
HOURS IN FREEZER	24
MOVERS INITIALS	SW

6

DATE	9/16/2003
TIME	10:00 AM
TENNEY TEMPERATURE	120°F
HOURS IN TENNEY	24
MOVERS INITIALS	SW

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