

PROJECT # 241230
 ENG: MIKE KEENEY
 SHOOTER: BOB LEE

THERMAL CYCLE TEST
 GUN # A-4 SERIAL # 71163352

TRACKING # TLW 1530U

- STEP # 1 SHOT GUN A-4 100 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

1

DATE
 TIME
 FREEZER TEMPERATURE
 HOURS IN FREEZER
 MOVERS INITIALS

9/9/2004
8:00 AM
-20° F
24
SW

2

DATE
 TIME
 TENNEY TEMPERATURE
 HOURS IN TENNEY
 MOVERS INITIALS

9/10/2004
8:00 AM
120° F
24
JS

3

DATE
 TIME
 FREEZER TEMPERATURE
 HOURS IN FREEZER
 MOVERS INITIALS

9/11/2004
8:00 AM
-20° F
24
JS

4

DATE
 TIME
 TENNEY TEMPERATURE
 HOURS IN TENNEY
 MOVERS INITIALS

9/12/2004
8:00 AM
120° F
24
JS

5

DATE
 TIME
 FREEZER TEMPERATURE
 HOURS IN FREEZER
 MOVERS INITIALS

9/13/2004
8:00 AM
-20° F
24
SW

6

DATE
 TIME
 TENNEY TEMPERATURE
 HOURS IN TENNEY
 MOVERS INITIALS

9/14/2004
8:00 AM
120° F
24
SW

ET22819