

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