

Test Lab Work Request Form

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| Date Submitted: 10 March, 2000 | Tracking #: TLW 0010AH |
| Project #: 241095 | Engineer: J.R.SNEDEKER |
| Test Objective: TLW0010AH – Hot Function Test: GUN # B-21 SERIAL # 71001322 <p>This test evaluates the effect of extreme high temperatures on the functioning performance of firearms.</p> | |
| Test Description: <u>Method:</u> <ul style="list-style-type: none"> • Condition test firearm and 100 rounds of ammunition of each caliber in a climatic chamber for at least 6 hours at a temperature of 120 degrees F. (or as close to 120 degrees F. as the equipment can be maintained.) • Test each firearm within the chamber as follows: • Fire 20 rounds of ammunition. Wait 2 hours and repeat until all 100 rounds have been fired. • Do not perform maintenance during the 100 round cycle. • Cycle the safety from fire to safe every 5 rounds. • The tester should wear gloves to protect his hands from the hot metal. • After 100 rounds have been fired through each firearm, remove the firearms from the conditioning chamber, disassemble, thoroughly inspect, clean and lubricate. <u>Data Required:</u> <ul style="list-style-type: none"> • Record temperature and exposure times (See report TLW 0010AH) • Record all malfunctions. (NO MALFUNCTIONS) • Record damage noted during inspection (EVERYTHING OK) • Record all necessary maintenance actions performed (See report TLW 0010AH) | |
| Resource Usage: Manpower Requirements - Facility Requirements - | Test Results Required: Formal Report: Data Only: X REQUESTED Completion Date: |
| Required Materials/Parts/Equipment (include quantities): | |
| Test Parts Availability Date: | |
| Start Date: 9/15/00 Completion Date: 9/15/00 Report Date: | Test Assigned To: STEVE WADE & JEFF WADE |

ET18849

PROJECT # 241095
AMMO REMINGTON 30.06
180 GRAIN R30064

HOT FUNCTION TEST
GUN # B21
SERIAL # 71001322

TRACKING # TLW 0010AH

AMMO REMINGTON 30.06 180 GRAIN R30064

LOT # C03 SC1326

MALFUNCTIONS

MALFUNCTIONS

1 1
2 2
3 3
4 4
5 5 CYCLED SAFETY
6 6
7 7
8 8
9 9
10 10 CYCLED SAFETY
11 1
12 2
13 3
14 4
15 5 CYCLED SAFETY
16 6
17 7
18 8
19 9
20 10 FIRED 20 ROUNDS AT 120 DEGREE F.
21 1
22 2
23 3
24 4
25 5 CYCLED SAFETY
26 6
27 7
28 8
29 9
30 10 CYCLED SAFETY
31 1
32 2
33 3
34 4
35 5 CYCLED SAFETY
36 6
37 7
38 8
39 9
40 10 FIRED 20 ROUNDS AT 120 DEGREE F.
41 1
42 2
43 3
44 4
45 5 CYCLED SAFETY
46 6
47 7
48 8
49 9
50 10 CYCLED SAFETY

51 1
52 2
53 3
54 4
55 5 CYCLED SAFETY
56 6
57 7
58 8
59 9
60 10 FIRED 20 ROUNDS AT 120 DEGREE F.
61 1
62 2
63 3
64 4
65 5 CYCLED SAFETY
66 6
67 7
68 8
69 9
70 10 CYCLED SAFETY
71 1
72 2
73 3
74 4
75 5 CYCLED SAFETY
76 6
77 7
78 8
79 9
80 10 FIRED 20 ROUNDS AT 120 DEGREE F.
81 1
82 2
83 3
84 4
85 5 CYCLED SAFETY
86 6
87 7
88 8
89 9
90 10 CYCLED SAFETY
91 1
92 2
93 3
94 4
95 5 CYCLED SAFETY
96 6
97 7
98 8
99 9
100 10 FIRED 20 ROUNDS AT 120 DEGREE F.

83

ET18850

PROJECT # 241095
AMMO REMINGTON 30.06
180 GRAIN R30064

HOT FUNCTION TEST
GUN # B21
SERIAL # 71001322

TRACKING # TLW 0010AH

- # 1 PLACE GUN B 21 AND 100 ROUNDS AMMO IN PRE-HEATED CHAMBER FOR 14 HOURS AT 120 DEGREE F.
- # 2 TOOK GUN B 21 AND 20 ROUNDS OF AMMO OUT OF PRE-HEATED CHAMBER TO BLOW-UP ROOM AND SHOT 20 ROUNDS WITH LANYARD.
- # 3 PUT GUN B 21 BACK IN PRE-HEATED CHAMBER FOR 2 HOURS.
- # 4 AFTER 2 HOURS TOOK GUN B 21 AND 20 ROUNDS AMMO OUT OF PRE-HEATED CHAMBER TO BLOW-UP ROOM AND SHOT 20 ROUNDS WITH LANYARD.
- # 5 PUT GUN B 21 BACK IN PRE-HEATED CHAMBER FOR 2 HOURS.
- # 6 AFTER 2 HOURS TOOK GUN B 21 AND 20 ROUNDS AMMO OUT OF PRE-HEATED CHAMBER TO BLOW-UP ROOM AND SHOT 20 ROUNDS WITH LANYARD.
- # 7 PUT GUN B 21 BACK IN PRE-HEATED CHAMBER FOR 2 HOURS.
- # 8 AFTER 2 HOURS TOOK GUN B 21 AND 20 ROUNDS AMMO OUT OF PRE-HEATED CHAMBER TO BLOW-UP ROOM AND SHOT 20 ROUNDS WITH LANYARD.
- # 9 PUT GUN B 21 BACK IN PRE-HEATED CHAMBER FOR 2 HOURS.
- # 10 AFTER 2 HOURS TOOK GUN B 21 AND 20 ROUNDS AMMO OUT OF PRE-HEATED CHAMBER TO BLOW-UP ROOM AND SHOT 20 ROUNDS WITH LANYARD.
- # 11 CLEANED AND INSPECTED GUN. (OK)

CONFIDENTIAL

ET18851