Test Lab Work Request Form

	· · · · · · · · · · · · · · · · · · ·			
	Date Submitted:	10 March, 2000	Tracking #:	TLW
7				

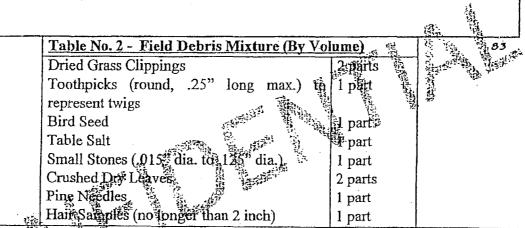
Project #: 241095

Engineer: J.R.SNEDEKER

0010AN

Test Objective: TLW0010AN - Field Debris Test:

This test determines the effect of "field debris" on firearm performance, where the firing is conducted after the firearm has field debris directly placed in the action. See Table No. 2 for field debris composition.



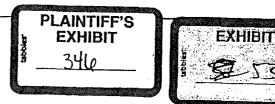
Test Description:

Method:

• Chan and lubricate one test gun to the procedure supplied by the design team.

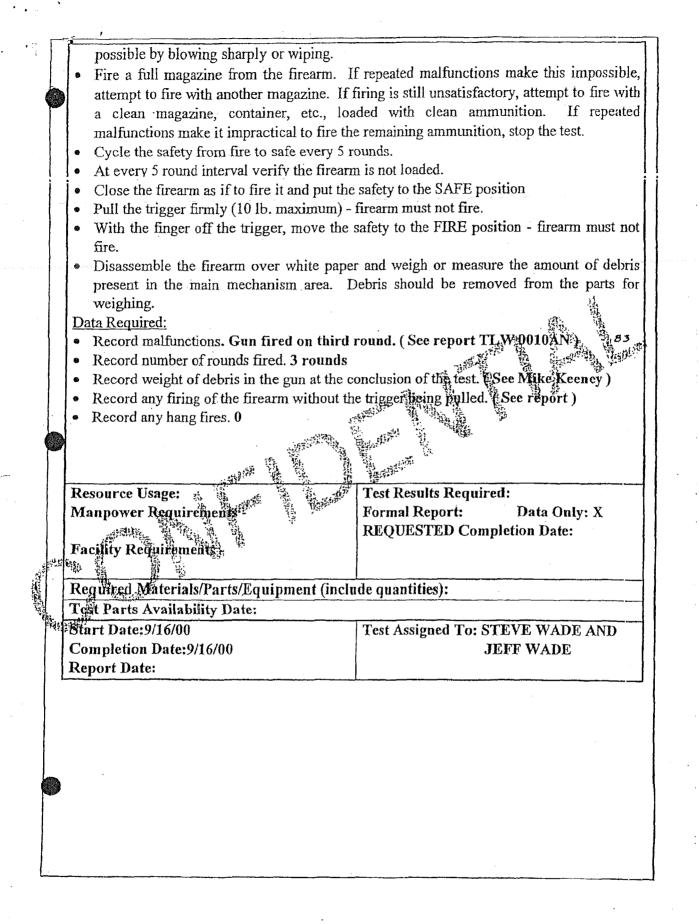
• Remove the bolt. Set the safety in the SAFE position and verify that the firearm is was unloaded.

- Record the weight of one level tablespoon of field debris mixture per following table..005LBS
- Expose the firearm as follows:
- Place the firearm in a shooting jack, turn bottom side up, and apply a tablespoon of debris in the firecontrol mechanism from the bottom. Tap the firearm three times, in the middle of the receiver, to jar the rifle and aid field debris getting into the mechanism.
- Turn the firearm to its normal upright horizontal position and apply a tablespoon of field debris to the top of the firecontrol mechanism from the top. Tap the firearm three times, in the middle of the receiver, to jar the rifle and aid the debris getting into the mechanism.
- Wipe away any debris that prevents the bolt from closing. Clean parts as much as



Confidential - Subject to Protective Order

ET07188



E:r07189

Confidential - Subject to Protective Order

TRACKING # TLW 0010AN

81 Taux.



PROJECT # 241095

FIELD DEBRIS TEST

15. J. N

STEP #1 CLEAN AND LUBRICATE TEST GUN. STEP #2 REMOVE THE BOLT FROM GUN. SET THE SAFETY IN THE SAFE POSITION AND VERIFY THAT THE GUN IS UNLOADED.

STEP # 3 WITH THE GUN BOTTOM SIDE UP ADDUED A TABLESPOON OF DEBDIS IN THE FIRECONTROL MECHANISM FROM THE BOTTOM.

STEP #4 TAPED THE GUN THREE TIMES IN THE MIDDLE OF THE RECEIVER. TO JAR THE GUN TO AID FIELD AND DEBRIS GETTING INTO THE MECHANISM.

STEP # 5 TURN THE GUN TO ITS NORMAL UPRIGHT HORIZONTAL POSITION AND APPLY A TABLESPOON OF FIELD DIBRIS TO THE TOP OF THE FIRECONTROL MECHANISM.

STEP #6 TAPED THE GUN THREE TIMES IN THE MIDDLE OF THE RECEIVER, TO JAR THE GUN TO AID FIELD AND DEBRIS GETTING INTO THE MECHANISM.

STEP #7 WIPED AWAY ANY DEBRIS THAT WOULD PREVENT THE BOLT FROM CLOSING. CLEANED FARTS AS MUCH AS POSSIBLE BY BLOWING AWAY ANY DEBRIS()

STEP #8 REPLACED BOLT IN GUN. LOADED ONE LIVE ROUND IN CHAMBER AND CLOSED, BOLT, SAFETY IN SAFE POSITION. LOADED FOUR ROUNDS OF LIVE AMOUNT SP. MAGAZINE AND PUT INTO GUN.

STEP #9 CYCLED SAFETY FROM THE SAFE POSITION TO THE FIRE POSITION. WENTOUT OF ROOM AND PULLED TRIGGER WITH LANYARD GUN FIRED

STEP # 10 WENT BACK INTO ROOM EJECTED FIRED CASE RYCLED SAFETY FROM THE FIRE POSITION TO THE SAFE POSITION. CLOSED BOLT THE CYCLE LIVE ROUND FROM THE MAGAZINE CYCLED SAFETY FROM THE SAFE POSITION TO THE FIRE POSITION. WENT OUT OF ROOM AND PULLED TRIGGER WITH LANYARD

(GUN FIRED) FIRE POSITION TO THE SAFE POSITION. CLOSED BOLT TO CYCLE LIVE ROUND REPOSITION GUN FIRED. STOP TEST DALE DANNER.

ET07190

Confidential - Subject to Protective Order