

SUMMARY OF INTENTIONAL GUN ABUSE TEST

DATA

By: D. Thomas  
Date: 9/21/90

FIREARM:

MAKE: Remington                      Model: 700  
Grade: BDL                      Cal: 308                      Serial#C6566973  
Origin: F. Wrisley  
Test #: 902621  
Comments: Bolt Shroud cut away over the Extractor  
                 paddles.

HISTORY:

Condition: New

Previous rounds fired: 180  
Headspace at test: MIN + .003  
Test date: 9/21/90

ABUSIVE

LOAD USED:

Powder Type: 4227  
Powder Weight: 42 gns.  
Case Make And Type: Remington  
Primer: Remington  
Bullet Weight: 220 gns.

Estimated Pressure: 200,000 psi

ADDITIONAL COMMENTS

The bore was plugged with four bullets.  
Estimated pressure from strain gage readings of a previous test 8/26/86  
Stock split full length  
Piece of brass gouged Bolt Head, left side  
Receiver split through Bolt Stop Slot  
Locked Bolt up and drove the Firing Pin to the rear  
Broke Floor Plate and bulged Magazine Opening in the Trigger Guard

SUMMARY OF INTENTIONAL GUN ABUSE TEST

DATA

By: D. Thomas  
Date: 9/21/90

FIREARM: MAKE: Remington Model: 700  
Grade: BDL Cal: 243 Serial# C6567742  
Origin: F. Wrisley  
Test #: 902621  
Comments: Bolt Shroud cut away over the Extractor  
paddles.

HISTORY:

Condition: New  
Previous rounds fired: 180  
Headspace at test: MIN + .003  
Test date: 9/21/90

ABUSIVE  
LOAD USED:

Powder Type: 4227  
Powder Weight: 45 gns.  
Case Make And Type: Remington  
Primer: Remington  
Bullet Weight: 90 gns.

Estimated Pressure: 130,000 psi

ADDITIONAL COMMENTS

Estimated pressure from powder curve assumes no obstruction in bore.  
The bore was plugged with four bullets just ahead of the chamber making  
the actual pressure much higher.  
Stock split full length  
Piece of brass found ahead of Bolt Handle  
Receiver split right side from the rear of the port to the Bolt Handle  
Slot  
Receiver split front and rear of Bolt Stop Slot  
Locked Bolt up and drove the Firing Pin to the rear  
Broke Floor Plate and bulged Magazine Opening in the Trigger Guard

SUMMARY OF INTENTIONAL GUN ABUSE TEST

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FIREARM:            MAKE: Remington            Model: 700  
                  Grade: BDL            Cal: 243            Serial# C6530810  
                  Origin: F. Wrisley  
                  Test #: 902621  
                  Comments: Bolt Shroud cut away over the Extractor  
                                 paddles.

HISTORY:

Condition: New  
Previous rounds fired: 180  
Headspace at test: MIN + .002  
Test date: 9/21/90

ABUSIVE  
LOAD USED:

Powder Type: 4227  
Powder Weight: 45 gns.  
Case Make And Type: Remington  
Primer: Remington  
Bullet Weight: 90 gns.

Estimated Pressure: 130,000 psi

ADDITIONAL COMMENTS

Estimated pressure from powder curve assumes no obstruction in bore.  
The bore was plugged with four bullets just ahead of the chamber making  
the actual pressure much higher.  
Stock split full length  
Piece of brass gouged Bolt Head, left side  
Receiver split through Bolt Stop Slot  
Locked up Bolt  
Broke Floor Plate and bulged Magazine Opening in the Trigger Guard

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Origin: F. Wrisley  
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Primer: Remington  
Bullet Weight: 220 gns.

Estimated Pressure: 200,000 psi

ADDITIONAL COMMENTS

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Estimated pressure from strain gage readings of a previous test 8/26/86

Stock split full length

Piece of brass gouged Bolt Head, left side

Receiver split through Bolt Stop Slot

Locked Bolt up and drove the Firing Pin to the rear

Broke Floor Plate and bulged Magazine Opening in the Trigger Guard

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