

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

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By: D. Thomas
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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

DATA

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

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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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

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