

GUN 1
SER#- XC 1116
CAL.- 30.06

M 710 A.T.
EVALUATION

PROJECT # 241095

NAME	DATE	TEST ACTIVITY	COMMENTS	ROUNDS AT START- 0	
				RDS. FIRED	TOTAL RDS
B. Lee/Yuri	3-16-00	Cleaned			
Jesse	3-16-00	Head space	very tight min head space	TLW 0010A	
Jesse	3-16-00	Proof test		TLW 0010B	1
Jesse	3-16-00	Head space	MIN+.001	TLW 0010C	
PKR	3/16/00	Proof Stamp	OK		
B. Lee/Jesse	3-16-00	Firing Pin	Measured Firing Pin Indent	TLW 0010D	
Jesse	3-17-00	Measurements	Sear trigger engagement on sear lift	TLW 0010E	
B. Lee	3-17-00	Trigger Pull	measurements	TLW 0010F	
B. Lee	3-17-00	Measurement	Safety on and off Forces	TLW 0010G	
Jesse	3-17-00	Measurements			
Jesse	3-17-00	Barrel Length	TLW 0010G		
Bob/Phillip	3-20-00	Twist Rate	TLW 0010Y		
Bob	3-20-00	Bolt Lift, closing Forces	TLW 0010H		
Bob	3-20-00	Measurements			
Bob	3-20-00	Measurements			
Bob	3-20-00	MAG Capacity Test	TLW 00102		
Bob	3-21-00	Measure Lock Time	TLW 00101		
Jesse/Jody	3-21-00	Measure Chamber Cast	TLW 0010V		
Jesse	3-21-00	Measure Bore Dia	TLW 0010W		
Jesse	3-21-00	Measure Groove Dia	TLW 0010X		
Jesse	3-23-00	Accuracy Testing	Ammo - N30062 150 GR LOT# D06UA13 TLW 0010AG N30064 180 GR LOT# C01SC25	40	41
Jesse	3-28-00	Function Test	TLW 0010AA	40	81
Jesse	3-29-00	Head Space	MIN+.001	120	201
Mike	3-29-00	Measured Chamber Mouth			
Jesse/Mike	3-29-00	Measured Chamber Cast - Took Measurements			
Jesse	3-30-00	Function Test	TLW 0010AA	200	401
RVL	3-30-00	Cleaned	Head space MIN+.002		
Jesse	4-4-00	Shoulder Function	TLW 0010AB	100	501
Jesse	4-7-00	Function/Endurance	TLW 0010AC 1000 Rds	1000	1501
			Pins in fire control working their way out of position		
Yuri	4-11-00	Cleaned/HEADSPACE	MIN+.001		
PKR	4/14/00	Inspected	TLW 0010AD		
Jesse	4/17/00	Function Endurance	TLW 0010AC 2000 Rds Level	1000	2501

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 4 / 24 / 00

Inspector: Jesse

Round Level: 4501

☒ Measure Headspace +0.001

☒ Firing Pin Indent 1st. .017 2nd. .018 3rd. .018 Ave. .0176

☒ Sear Engagement: .0262

☒ Trigger Pull: 1st. 3.68 2nd. 4.01 3rd. 3.715 Ave. 3.801 83

S-1 ☒ Measure Feed Lip on Mag. Box at front: .4295 & rear: .425

Check the following areas for signs of unusual wear or breakage:

☒ Receiver insert

☒ Rear surface of Bolt Lugs

☒ Check for "galling" on rear of Bolt Lugs

☒ Bolt Plug

☒ Bolt Plug Insert "ears" on firing pin assembly

☒ Check for loose or missing pins - make note and re-stake if necessary

☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

Receiver Insert - showing wear looking AT it thru
Ejection port. - rear surface of Bolt Lugs showing small amount
of wear. Trigger Pivot Pin and Sear Retaining Pin working
throughout on right side of fire control.

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 04/26/00

Inspector: JA

Round Level: 5501

- ☒ Measure Headspace 7.002
- ☒ Firing Pin Indent 1st. .017 2nd. .018 3rd. .0175 Ave. .0175
- ☒ Sear Engagement: .0293
- ☒ Trigger Pull: 1st. 4.03 2nd. 4.08 3rd. 3.985 Ave. 4.031 83
- ☒ Measure Feed Lip on Mag. Box at front: .4295 & rear: .4252

Check the following areas for signs of unusual wear or breakage:

- ☒ Receiver insert
- ☒ Rear surface of Bolt Lugs
- ☒ Check for "galling" on rear of Bolt Lugs
- ☒ Bolt Plug
- ☒ Bolt Plug Insert "ears" on firing pin assembly
- ☒ Check for loose or missing pins - make note and re-stake if necessary
- ☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

~~Recessed Bolt Plug~~ NO Change NOTed From The
Last Inspection.

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 4 128 100

Inspector: Jesse

Round Level: 6501

- ☒ Measure Headspace + .002
- ☒ Firing Pin Indent 1st. .017 2nd. .018 3rd. .018 Ave. .0176
- ☒ Sear Engagement: .0252
- ☒ Trigger Pull: 1st. 3.98 2nd. 4.01 3rd. 4.13 Ave. 4.04 83
- ☒ Measure Feed Lip on Mag. Box at front: .426 & rear: .427

Check the following areas for signs of unusual wear or breakage:

- ☒ Receiver insert
- ☒ Rear surface of Bolt Lugs
- ☒ Check for "galling" on rear of Bolt Lugs
- ☒ Bolt Plug
- ☒ Bolt Plug Insert "ears" on firing pin assembly
- ☒ Check for loose or missing pins – make note and re-stake if necessary
- ☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

Receiver Insert NO Additional wear showing.

Rear Surface of Bolt Lugs showing some wear.

Trigger Pivot Pin and Sear Retaining Pin working out the right side of Fire Control.

No other problems noted.

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 5 / 1 / 00

Inspector: JH

Round Level: 7501

- ☒ Measure Headspace 7.002
- ☒ Firing Pin Indent 1st. .018 2nd. .017 3rd. .018 Ave. .0176
- ☒ Sear Engagement: .0262
- ☒ Trigger Pull: 1st. 4.62 2nd. 4.39 3rd. 4.4 Ave. 4.47
- ☒ Measure Feed Lip on Mag. Box at front: .426 & rear: .427

Check the following areas for signs of unusual wear or breakage:

- ☒ Receiver insert
- ☒ Rear surface of Bolt Lugs
- ☒ Check for "galling" on rear of Bolt Lugs
- ☒ Bolt Plug
- ☒ Bolt Plug Insert "ears" on firing pin assembly
- ☒ Check for loose or missing pins - make note and re-stake if necessary
- ☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

NO change from The 6000 rd Inspection.

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 5 / 2 / 00

Inspector: JA

Round Level: 8501

- ☒ Measure Headspace 7.002
- ☒ Firing Pin Indent 1st. .018 2nd. .018 3rd. .017 Ave. .0176
- ☒ Sear Engagement: .0257
- ☒ Trigger Pull: 1st. 4.57 2nd. 4.05 3rd. 4.05 Ave. 4.223 83
- ☒ Measure Feed Lip on Mag. Box at front: .433 & rear: .424

Check the following areas for signs of unusual wear or breakage:

- ☒ Receiver insert
- ☒ Rear surface of Bolt Lugs
- ☒ Check for "galling" on rear of Bolt Lugs
- ☒ Bolt Plug
- ☒ Bolt Plug Insert "ears" on firing pin assembly
- ☒ Check for loose or missing pins - make note and re-stake if necessary
- ☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

Note AT Ad Level 7312 Mike Keeney changed the
Mag Box To A Production MAG

AFTER Inspection AT 8501 Rds I see no change
From my last inspection AT 7501 Rds.

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 5 / 5 / 00

Inspector: J/A

Round Level: 9501

- ☒ Measure Headspace 7.002
- ☒ Firing Pin Indent 1st. .019 2nd. .019 3rd. .018 Ave. .0186
- ☒ Sear Engagement: .0260
- ☒ Trigger Pull: 1st. 3.755 2nd. 3.82 3rd. 3.73 Ave. 3.768 83
- ☒ Measure Feed Lip on Mag. Box at front: .434 & rear: .424

Check the following areas for signs of unusual wear or breakage:

- ☒ Receiver insert
- ☒ Rear surface of Bolt Lugs
- ☒ Check for "galling" on rear of Bolt Lugs
- ☒ Bolt Plug
- ☒ Bolt Plug Insert "ears" on firing pin assembly
- ☒ Check for loose or missing pins - make note and re-stake if necessary
- ☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

Trigger Pivot Pin and Sear Retaining Pin working out
The Right Side of Fire Control. No Additional wear
Noted From the last 1000 Rds. Fired.

Clean & Inspect Checklist

Model: 710

Project: 241095

Rifle: A-1 XC1116

TLW #: TLW 0100AD

Date: 5 18 100

Inspector: JA

Round Level: ~~10561~~ 10561

- ☒ Measure Headspace + .002
- ☒ Firing Pin Indent 1st. .019 2nd. .020 3rd. .019 Ave. .0193
- ☒ Sear Engagement: .0256
- ☒ Trigger Pull: 1st. 3.705 2nd. 3.705 3rd. 3.95 Ave. 3.786 83
- ☒ Measure Feed Lip on Mag. Box at front: .424 & rear: .423

Check the following areas for signs of unusual wear or breakage:

- ☒ Receiver insert
- ☒ Rear surface of Bolt Lugs
- ☒ Check for "galling" on rear of Bolt Lugs
- ☒ Bolt Plug
- ☒ Bolt Plug Insert "ears" on firing pin assembly
- ☒ Check for loose or missing pins – make note and re-stake if necessary
- ☒ Check plastic inserts for cracks or other damage.

Take digital photographs, if appropriate, to record unusual wear, damage or other note-worthy observations. List the digital file name for reference along with any comments below.

No change from last inspection