Test Lab Request Form Instructions

- The TLW request form can be found on the second worksheet (tabs at bottom of the screen) of this file.
- Please fill in all required fields as noted in **red**. Please fill in all other fields if applicable / possible. Instructions for each field will appear when you click on the field. The procedure field is an embedded MS Word object which will allow you to use formatting features not possible in Excel (i.e. paragraphs, bullets, numbering, etc).
- If possible, create your desired data table and/or graph formats in the additional worksheets of this file. This is preferred over extensive written procedures.
- If the request is for High Speed Video, specify any desired parameters (i.e. frame rate, resolution, etc.) in the "HSV Setup" tab. If not specified, the videographer will document the parameters that they chose to use.
- Once the form is completed, save this file on your personal computer using the following format:
  TLW#### - Brief Description
  Try to keep the description as concise as possible. Your name in the filename is no longer necessary.
- Email the file to Phillip Reesor (primary) and Mark Hammond (secondary). Phillip will return your email with the assigned number and the assignee

BARBER - RE 0005703

Test Lab Work Request Form

Engineer: Vince Norton **Project #:** 241493

Date Submitted: 11/14/2008

Test Description:

Assemble new receiver insert assemblies in a Model 770 action and measure safety on/off forces

Test Procedure:

1. Assemble a new receiver insert assembly into a Model 770 action.
2. With the bolt closed measure safety on and off forces. Take 3 measurements and record each one.
3. Cycle the safety on and off 10 times and then record forces again.
4. Cycle the safety on and off 10 more times and then record forces aga
5. Cycle the safety on and off 80 more times and record forces again.
6. Repeat this on 6 assemblies.
7. Measure sear lift.

BARBER - RE 0005704

Test Lab Work Request Form

TLW #: 2645

Requested Completion Date: 11/18/2008

ı new receiver insert assembly into a Model 770 action.
ɔlt closed measure safety on and off forces. Take 3
nts and record each one.
afety on and off 10 times and then record forces again.
afety on and off 10 more times and then record forces again.
afety on and off 80 more times and record forces again.
on 6 assemblies.
ar lift.

BARBER - RE 0005705

Test Lab Work Request Form

BARBER - RE 0005706

Test Lab Work Request Form

Test Lab Work Request Form

Special Requirements:	
Supplies Availability:	
Results Required:	

********This section to be completed by Test Lab Manager*******

Assigned To:	Kratzwald, Jeff	**Start Date:**	
Assigned Date:	11/17/2008	**Completion Date:**	
Comments:	Testing completed. Data in spreadsheet.		

BARBER - RE 0005708

Test Lab Work Request Form

Data Only

Formal Report

11/21/2008

11/22/2008

BARBER - RE 0005709

Test Lab Work Request Form

Double click to edit.

Cont'd Procedure <autofile>

BARBER - RE 0005710

equest Form

HIGH SPEED VIDEO SETUP RECORD

ARCHIVE:

TLW

Camera Operator:

File Names:
Convention:

Purpose of Test:

Camera: ◉ APX-RS ○ 1024PCI ○ Canon 20D

Resolution (WxH, pixels):

Lens:

Equipment Height (in. above or below subject, no entry = in-plane with subject)

Equipment
Camera
L1 1000W
L2 1000W
L3 8-Bulb PAL

Set-up Diagram (w/linear dimensions)

not to scale.

ALL FILES

REPRESENTATIVE FILE(S) NO ARCHIVE

File Name:

2645

Date:

Project No.:

TLWNo Description.avi i.e. *[TLW2162 Shot 1 18in bbl GB.avi], [TLW2162 Shot 2 18in bbl GB.avi]*

1024PCI

Canon 20D

Shutter Speed:

Frame Rate (fps):

Type (C or F):

Focal Length (mm):

f-stop used:

zoom used (mm):

Position	*Target*	*Symbol*	*Equipment*	*Position*	*Target*	*Symbol*

FC #1			FC #2			FC #3		
	Off	On		Off	On		Off	On
0 cycles	4.26	8.24	0 cycles	3.66	7.96	0 cycles	4.18	6.44
	5.32	8.22		3.72	7.88		4.02	6.96
	4.14	8.28		3.62	7.04		4.4	6.96
avg	**4.57**	**8.25**	avg	**3.67**	**7.63**	avg	**4.20**	**6.79**
	Off	On		Off	On		Off	On
10 cycles	4.44	7.62	10 cycles	3.84	8.32	10 cycles	4.36	6.54
	4.32	7.68		3.76	8.18		4.3	6.96
	4.32	7.76		3.78	7.82		4	6.5
avg	**4.36**	**7.69**	avg	**3.79**	**8.11**	avg	**4.22**	**6.67**
	Off	On		Off	On		Off	On
20 cycles	4.16	8.14	20 cycles	4.08	7.52	20 cycles	4.16	6.36
	4.4	8.32		3.8	6.68		4.16	6.5
	4.38	7.9		3.76	6.92		4.12	6.72
avg	**4.31**	**8.12**	avg	**3.88**	**7.04**	avg	**4.15**	**6.53**
	Off	On		Off	On		Off	On
100 cycles	4.58	8.16	100 cycles	4.5	9.36	100 cycles	4.26	7.94
	4.9	8.52		4.38	10.06		4.64	7.74
	4.8	8.8		4.2	9.52		4.38	7.4
avg	**4.76**	**8.49**	avg	**4.36**	**9.65**	avg	**4.43**	**7.69**
Sear Lift	0.006		Sear Lift	0.005		Sear Lift	0.004	

FC #4			FC #5			FC #6		
	Off	On		Off	On		Off	On
0 cycles	3.62	7.62	0 cycles	4.66	7.76	0 cycles	4.08	8.96
	3.66	7.56		4.12	7.46		4.18	9.42
	3.68	6.86		4.12	7.38		4.12	9.34
avg	**3.65**	**7.35**	avg	**4.30**	**7.53**	avg	**4.13**	**9.24**
	Off	On		Off	On		Off	On
10 cycles	4.02	7.08	10 cycles	4.46	6.98	10 cycles	4.24	9.58
	3.68	6.78		3.8	6.98		4.32	9.14
	3.76	6.68		4.18	7.94		4.32	9.34
avg	**3.82**	**6.85**	avg	**4.15**	**7.30**	avg	**4.29**	**9.35**
	Off	On		Off	On		Off	On
20 cycles	4.04	7.86	20 cycles	4.46	7.24	20 cycles	4.24	8.92
	4.12	7.02		4.28	6.92		4.34	9.36
	3.96	7.12		4.3	7.44		4.32	9.52
avg	**4.04**	**7.33**	avg	**4.35**	**7.20**	avg	**4.30**	**9.27**

	Off	On		Off	On		Off	On
100 cycles	4.48	9.36	100 cycles	4.56	7.88	100 cycles	4.78	9.7
	3.94	8.42		4.46	8.34		4.66	9.3
	4.06	9.1		4.46	7.3		4.76	8.98
avg	**4.16**	**8.96**	avg	**4.49**	**7.84**	avg	**4.73**	**9.33**
Sear Lift	0.005		Sear Lift	0.005		Sear Lift	0.002	

BARBER - RE 0005715