

## 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

Test Lab Work Request Form

Engineer: Vince Norton

Project #: 241493

Date Submitted: 1/18/2009

Test Description:

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

Test Procedure:

- 1. Assemble a receiver insert assembly into a Model 770 action.
- 2. With the bolt closed measure safety on and off forces. Take 5 measurements and record each one.
- 3. Replace the M/770 safety arm with the X-mark Pro safety arm and repeat step #2.
- 4. Repeat steps 1-3 on 3 additional receiver insert assemblies.
- 5. Measure safety on and off forces on firecontrol with modified trigger block. (Silver: Assy #6)

Test Lab Work Request Form

TLW #: 2675

Requested Completion Date: 1/19/2009

1 receiver insert assembly into a Model 770 action.  
olt closed measure safety on and off forces. Take 5  
nts and record each one.  
: M/770 safety arm with the X-mark Pro safety arm and  
//2.  
s 1-3 on 3 additional receiver insert assemblies.  
fety on and off forces on firecontrol with modified trigger  
ver: Assy #6)

TLW Form

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Test Lab Work Request Form

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TLW 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:	1/19/2009	Completion Date:
Comments:		

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TLW Form

Test Lab Work Request Form

Double click to edit.

Cont'd Procedure

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Request Form

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Cont'd Procedure

Canon 20D

HIGH SPEED VIDEO SETUP RECORD	
ARCHIVE:	
TLW	

Camera Operator:

File Names:

Convention:

Purpose of Test:


Camera:	APX-RS	1024PCI
		Resolution (WxH, pixels):

Lens:
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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.
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ALL FILES

REPRESENTATIVE FILE(S)

NO ARCHIVE

File Name:

2675

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
		10				
		14				
		12				
		13				

#7			X Mark Pro Safety arm.		
Regular safety arm.					
	Off	On		Off	On
1	4.30	8.34	1	2.90	6.00
2	4.34	8.78	2	2.96	6.26
3	4.20	8.20	3	3.36	6.10
4	4.32	7.76	4	3.08	5.86
5	4.16	8.40	5	3.02	5.94
avg	4.26	8.30	avg	3.06	6.03

#8			X Mark Pro Safety arm.		
Regular safety arm.					
	Off	On		Off	On
1	4.10	8.00	1	3.26	6.52
2	4.16	7.54	2	2.98	6.69
3	3.98	7.74	3	3.02	6.70
4	4.06	7.48	4	3.20	6.54
5	3.90	7.82	5	3.04	6.86
avg	4.04	7.72	avg	3.10	6.66

#9			X Mark Pro Safety arm.		
Regular safety arm.					
	Off	On		Off	On
1	4.32	8.68	1	3.94	6.72
2	3.98	7.16	2	3.30	6.70
3	4.56	7.30	3	3.72	7.50
4	3.34	7.76	4	3.64	7.42
5	4.22	7.58	5	3.48	7.44
avg	4.08	7.70	avg	3.62	7.16

#10			X Mark Pro Safety arm.		
Regular safety arm.					
	Off	On		Off	On
1	4.02	6.92	1	3.12	5.96
2	3.94	6.96	2	3.14	6.28
3	3.74	6.66	3	2.78	6.06
4	3.76	7.04	4	2.70	6.76
5	3.76	6.98	5	2.82	6.22
avg	3.84	6.91	avg	2.91	6.26
AVG		7.66			6.53

#6 Modified trigger block with M770 safety arm.		
	Off	On
1	3.60	7.00

2	3.52	7.16
3	3.32	7.14
4	3.28	6.96
5	3.98	6.98
avg	3.54	7.05

DAT fire controls					
A2			A5		
	Off	On		Off	On
1	3.04	5.16	1	2.90	6.54
2	3.24	5.52	2	3.06	6.48
3	3.14	5.28	3	2.84	6.22
4	3.14	5.12	4	3.02	6.10
5	3.02	5.32	5	2.98	6.18
avg	3.12	5.28	avg	2.96	6.30