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)

TLW Form   <autofile>

Test Lab Work Request Form

TLW #: 2675

Requested Completion Date: 1/19/2009

receiver insert assembly into a Model 770 action.
It 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.
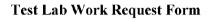fety on and off forces on firecontrol with modified trigger
ver: Assy #6)

TLW Form

Test Lab Work Request Form

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TLW Form

RE0005722

Test Lab Work Request Form
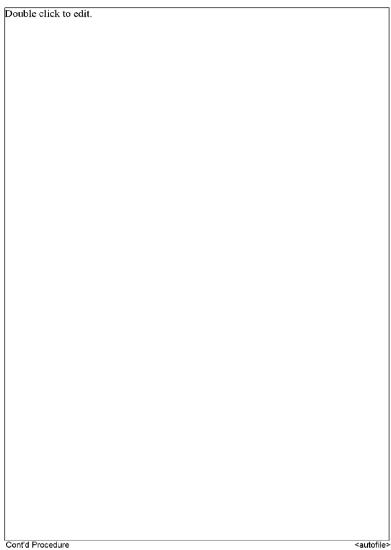
<autofile>

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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:		

Test Lab Work Request Form

Data Only

Formal Report

TLW Form

Test Lab Work Request Form

Double click to edit.

Cont'd Procedure

equest Form

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Cont'd Procedure

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:

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):		f-stop used:	
Focal Length (mm):		zoom used (mm):	

Position	Target	Symbol	Equipment	Position	Target	Symbol
		⬭				
		▽11				
		▽12				
		▽13				

#7

Regular safety arm.			X Mark Pro 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

Regular safety arm.			X Mark Pro 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

Regular safety arm.			X Mark Pro 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

Regular safety arm.			X Mark Pro 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**