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. BARBER -

RE 0005703

- 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

	1 cot Zuo // official diese 1 o.	
	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:	Assemble a new receiver insert assembly into a Model 770 action.
		 With the bolt closed measure safety on and off forces. Take 3 measurements and record each one. Cycle the safety on and off 10 times and then record forces again. Cycle the safety on and off 10 more times and then record forces again. Cycle the safety on and off 80 more times and record forces again. Repeat this on 6 assemblies. Measure sear lift.
TLW Form	<autofile></autofile>	Page 2 of 13

ar lift.

BARBER - RE 0005705

Test Lab Work Request Form

TLW #: 2645

Requested Completion Date: 11/18/2008

t new receiver insert assembly into a Model 770 action. It 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.

TLW Form

<autofile> Page 3 of 13

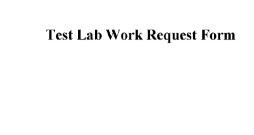
Test Lab Work Request Form

<autofile>

TLW Form

Test Lab Work Request F	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.

TLW Form <autofile Page 6 of 13

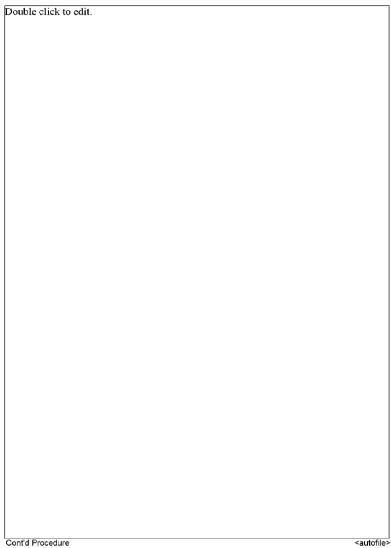


Data Only
Formal Report
11/21/2008

11/22/2008

TLW Form <autofile> Page 7 of 13

Test Lab Work Request Form



Page 8 of 13

equest Form

ARCHIVE:						
						TLW
						Camera Operator:
						File Names:
						Convention:
Purpose of Te	st:					
	11111					
Camera:	⊕ Al	PX-RS				C 1024PCI Resolution (WxH, pixels):
						Resolution (vvxn, pixels).
Lens:						
Equipment He	ight (in	. above or i	below s	subject, no e	entry = in-plane w	ith subject)
				Equipment		
Camera						
L1 1000W						
2 4 2 2 2 2 4 4						
L2 1000W						

⊂ Canon 20D

	€	ALL	FILE	ES						î REPRESENTATIVE FILE(\$)	NO AR	CHIVE	
									File Name:]
	2645									1	Date Project No.		-
	TLWNo Desc	cription.avi i.e. [TLV	V2162 Shot 1 18in bbl	GB.avi],	ITLW2162 S	Shot 2 18in bbl GB.av	i j						_
		•			•		•						
													7
												t	1
													1
				11111								+	+
													j
												1]
SI .		C Canon 20D								Shutter Speed	:	$\overline{}$	T
•				,,, <u>r</u>						Frame Rate (fps)]
						Tvr	e (C or F):			f-stop used		1:::::	Ţ
							ngth (mm):			zoom used (mm)		+	۲
						i ocai Ec	igui (min).			20011 daed (IIIII)	•		,
			Positi	ion				Target	Symbol	Equipment	Position	Target	
												<u> </u>	-
									\11			1	_
									\12/			+	4
									127				

FC#1			FC #2			FC #3	*****	0.000
FG.#1			FG #2			FG #a		
	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
20 Cycles	4.4	8.32	20 Cycles	3.8	6.68	20 Cycles	4.16	6.5
	4.38	7.9		3.76	6.92		4.12	6.72
avq	4.31	8.12	avg	3.88	7.04	avg	4.15	6.53
urg	7.01	0.12	arg	0.00	7.04	uvg	4.10	0.00
	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	