unue vinue	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	Q
2	F	Engineer:	Ron	ıkainen		Project #:	241285		TLW #:	2358	\dashv						
उ						1 Tojece #.											
4		Date S	ubmitted:	8/29/2007			Request	ed Comple	tion Date:	9/14/200)7						
5											41						
7		Test De	scription:	Audit XMP							Ш						
8					irearms from				s: (1) usın	ga	П						
				production s	pring scale a	na (2) the \perp	worak 1rigge										
9																	
11		Test P	rocedure:	Trigger Pull	Audit Plan		1										
				Veri	fy calibratio	n of the Dy	orak Trigge	rScan per t	he User M	anual's	ŀ						
12					edure. (DON				- 414								
13				ven	fy calibratio as needed du	n of the pro	oduction spri	ing scale pi	ιαπ								
14				l and	as needed di	illig the ce	disc of the t	iddit									
					Pull Measur						ľ						
15					ack guns fro						ŀ						
16					e no more th				time to mi	nimize the	e						
17					ibility of par dle the guns				lahla neod	luct and v	.;11						
18					eturned to th												
				audi				p		Party							
19					emble the gu						ar						
20					nmunition, 1			function by	y dry firing	g the rifle							
21					ral times in a			the our en	tha datash	oot (SVII							
22					etc.) prior to				me datasn	eet (SKU,	'						
					int the gun se				or cradle.		ŀ						
23				7. Mea	sure and rec	ord trigger	pull of the g	gun with the	e spring sc		9						
24					ent production												
25					surement wi		by someone	from Ilion	using a pr	oduction							
					ng scale fron fully remov		rom the gun	vise or cra	dle		ŀ						
26					fully disasse					the stock							
27				and	trigger guard	l componer	nts so that th	ey will not	be damag	ed.							
28					int the action												
29					ket tight aga												
				clan	clamp's hold down screw tip approximately aligned with the rearmost scope plug screw on the front receiver bridge. Ensure the trigger's shoe												
30				is centered on the V-roller on the TriggerScan arm so that both sides of the roller's V contact the trigger and then tighten the clamping screw.													
31																	
32				Make sure the clamp's screw does not contact the top of the receiver of													
				it may mar it. When properly secured in the TriggerScan fixture, the action cannot move with respect to the fixture.													
33				actio	on cannot mo	ve with re	spect to the f	ixture.									

 Measure and record trigger pull of the gun with the spring scale per the current production process indicated in the process records. This measurement will be made by someone from Ilion using a production spring scale from Ilion. Carefully remove the gun from the gun vise or cradle. Carefully disassemble the action from the stock setting aside the stock and trigger guard components so that they will not be damaged. Mount the action in the Dvorak TriggerScan fixture with the barrel bracket tight against the front surface of the V-block and with the top clamp's hold down screw tip approximately aligned with the rearmost scope plug screw on the front receiver bridge. Ensure the trigger's shoe is centered on the V-roller on the TriggerScan arm so that both sides of the roller's V contact the trigger and then tighten the clamping screw. Make sure the clamp's screw does not contact the top of the receiver or 			
 audit. 4. Assemble the gun's bolt to the action. After verifying the action is clear of ammunition, manually verify trigger function by dry firing the rifle several times in a safe direction. 5. Record the appropriate information for the gun on the datasheet (SKU, S/N, etc.) prior to conducting any testing. 6. Mount the gun securely in a non-marring gun vise or cradle. 7. Measure and record trigger pull of the gun with the spring scale per the 			

						I =					T. J.					
30	_A_	В	С	D	E	F	G	Н		J	K L	M	N N	0	Р	Q
37	Spo	ecial Requ	irements:	Handle the	guns with ext	reme care a	s they are sal	able produc	et and will l	e returned						
38				to the warch	ouse after co	mpletion of	the trigger p	ull force au	dit.							
39																
40 41									I		<u> </u>					
42	Sı	upplies Av	ailability:	Guns for thi	s test will be	ordered by	marketing from as to as to as to as	om OHL for	r delivery to	E'town. I	\coprod					
43				win provide	the exact del	iivery date(s	, as soon as t	incy are ave	maule.							
44																
45 46																
47 48		Results 1	Required:	Data	Only			1								
49		l	*****	This sectio	n to be co	mpleted	by Test La	b Manag	er****							
20																
51 52		Ass	igned To:	Wade	, Steve			start Date:								
53 54		Assig	ned Date:	8/30.	/2007		Comple	tion Date:								
55		C	omments:			•										
56									\coprod							
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	Α	В	С	D	Е	F	G	Н							
1 2	Trigge	r Pull Aud	it Procedu	re (cont'd)											
3															
4	 Enter the appropriate firearm information for the rifle into TriggerScan program (fill in <u>all</u> fields on the computer screen). 														
5															
6	12. W1	th the safe	ty in the C	N or SAF	E position.	close the	bolt and g	ently							
7		move the safety to the OFF or FIRE position. Make 5 trigger pull measurements cycling the safety between each pull. Take care to lower the safety in the same manner each time to maintain uniform.													
8	the safety in the same manner each time to maintain uniform measurements. 13. Save the TriggerScan results for each gun as a separate *.trg file using the gun's S/N as the unique file identifier. Save the file in the directory														
9															
10															
12															
13	gun's S/N as the unique file identifier. Save the file in the directory associated with this TLW on the server. 14. Also save the TriggerScan results for each gun as a separate *.csv file using the gun's S/N as the unique file identifier. Save the file in the														
14															
15	usi	ng the gun	's S/N as t	he unique	file identif	fier. Save	the file in	the							
16				h this TLV	V on the se	erver (same	e directory	as							
17		vious step													
18 19						pasted fro									
20						TLW. Do		cribe and							
21						et manually									
22		16. Carefully remove the action from the TriggerScan fixture and visually verify that no damage was done to the action. If the scope plug screw is visibly damaged, replace it.													
23															
24					. Verify t	hat the ma	gazine and	l trigger							
25						to verify it		- 111.00							
26 27		perly.	1 ,	•		,		-							
28			alified gun	handlers v	erify the g	gun is unlo	aded befor	re							
29				shipping 1				-							
30				he action a	nd place it	in the app	propriate lo	ocation							
31		ide the pac					au .								
32						Verify the									
33						end label									
34						Place a st ad its trigge									
35 36		i iabei to i ecked.	aemmy tne	ineam as	s пауш <u>в</u> па	ia ns mgg	er ban tor	- E							
37			escal the n	nulti-pack	of guns aft	ter all guns	from the	nack							
38		ze been me		rara paok	or Barn ar	er an ean	, mom the	Paore							
39				a multi-pac	ck have be	en measur	ed, get and	other							
40	mu	lti-pack of	guns and	continue tl	he test.										
41			rocedure fi	rom step 1	again unti	l all firean	ms have be	een							
42 43	me	asured.						}							
44								}							
45															
															

- 17. Reassemble the action to the stock. Verify that the magazine and trigger guard are properly seated. Cycle the action to verify it functions properly.
- 18. Have two qualified gun handlers verify the gun is unloaded before repacking the rifle in its shipping box.
- 19. Remove the bolt from the action and place it in the appropriate location inside the packing box.
- 20. Repack the gun in its original packing box. Verify the firearm's serial number is the same as that shown on the box end label before sealing the box with fiberglass reinforced packing tape. Place a sticker on the box end label to identify the firearm as having had its trigger pull force checked.
- Repack and reseal the multi-pack of guns after all guns from the pack have been measured.
- 22. After all of the guns in a multi-pack have been measured, get another multi-pack of guns and continue the test.
- Repeat this procedure from step 1 again until all firearms have been measured.

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	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N
1														
2	Gun#	1	2	3	4	5	6	7	8	9	10	11	12	13
3	SKU													
4	Description													
5	S/N													
6														
7	Tester													
8	TP1													
9	TP2													
10	TP3													
11	Avg	#DIV/0!												
12	SD	#DIV/0!												
13														
14	Tester													
15	TP1													
16	TP2													
17	TP3													
18	TP4													
19	TP5													
20	Avg	#DIV/0!												
21	SD	#DIV/0!												

	0	Р	Q	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC
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2	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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2	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
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