PROJECT # 231314 ENG : MIKE KEENEY

DRY CYCLE TEST 10,000 CYCLES

TLW 1463

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10,000 DRY CYC				D CICNE CE V	VEAD		 	 	
MEASURE SAFE	TY ON / OFF FORCE		J CYCEES AN	D SIGNS OF V	YEAR.	DOL TOLOGO			
		BOLT OPEN		i		BOLT CLOSE	ט <u>י</u>		11/0
	0 CYCLES	1 200	2	3	AVG	1 - 1		3	AVG
A-28	SAFE TO FIRE		: ∴^2.625 _⊫ ::	2.730	2.705	2.795	2.745	2.780	2.773
FIRE CONTROL	FIRE TO SAFE	2.680	2:635	2.645	2.653	5.830	5.875	5.910	5.872
	SIGNS OF WEAR	OK 🐇							ļ
		l	90000 100000	2		<u> </u>			}
	2,000 CYCLES	11	2	3	AVG	1	2	3	AVG
A-28	SAFE TO FIRE	2.630	2.640	<u>.</u> 2.585	2.618	2.590	2.555	2.570	2.572
FIRE CONTROL	FIRE TO SAFE	2.510	2.510	2.535	2.518	5.455	5.485	5.465	5.468
	SIGNS OF WEAR	OK		9€.					
				ñ.					
	4,000 CYCLES	1	2	. 3	AVG	1	2	3	AVG
A-28	SAFE TO FIRE	2.425	2.370		2.400	2.495	2.480	2.515	2.497
FIRE CONTROL	FIRE TO SAFE	2.260	2.285	2:245	2.263	5.420	5.555	5.545	5.507
	SIGNS OF WEAR	OK	· #	19 T		ļ			T
			77	: : : : : : : : : : : : : : : : : : :					
	6,000 CYCLES	1	2	3	AVG	1	2	3	AVG
A-28	SAFE TO FIRE	2.340	2.280	7 20E	2.308	2.495	2.555	2.550	2.533
FIRE CONTROL	FIRE TO SAFE	2.320	2.315	2.330	2.322	5.505	5.525	5.535	5.522
	SIGNS OF WEAR	OK		REFO	W.				
				100 To	56				
	8,000 CYCLES	1	2	3.	AVG	1	2	3	AVG
A-28	SAFE TO FIRE			4.1	#DIV/01	1			#DIV/0!
FIRE CONTROL	FIRE TO SAFE			7,500	#DIV/0!	1			#DIV/0!
	SIGNS OF WEAR	DETENT SPRI	NG BROKE 8			TAKEN)			
						SIGNS OF WE	AR.		
	10,000 CYCLES	1	2	3	AVG		2	3	AVG
A-28	SAFE TO FIRE	 			#DIV(01				#DIV/0!
FIRE CONTROL	FIRE TO SAFE				#DIV/0!	76.		-	#DIV/0!
	SIGNS OF WEAR					1 "			
		·				A ROOM		<u> </u>	
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		 			17.5				
		 				0.585 87			
						(C)			L

TLW 14631

O CYCLES SAFE TO FIRE	S EVERY 200 BOLT OPEN	0 CYCLES AN	D SIGNS OF \	VEAR.		i		
	BOLT OPEN	300						
	4 200	_/28			BOLT CLOSE			<u> </u>
SAFE TO FIRE	- C.	2	3	AVG	1	2	3	AVG
	3.115	3.000.⊫	3.075	3.063	3.260	3.190	3.225	3.225
FIRE TO SAFE	3.240	-3.180	3.165	3.195	6.860	6.835	6.895	6.863
SIGNS OF WEAR	OK :				l			
		18 18 18 18 18 18 18 18 18 18 18 18 18 1	100 m			L		
	11	4% 2 %	3		11			AVG
SAFE TO FIRE		Z.900	後~~~~XZ.000	2.897				2.933
		2.990		3.013	6.390	6.445	6.335	6.390
SIGNS OF WEAR	OK		95.					
			Prov					
	1	2			1			AVG
				2.767	2.905			2.892
		3.070	2.955	3.073	6.320	6.375	6.310	6.335
SIGNS OF WEAR	OK							
			₹. <i>∴</i> ₽					
6,000 CYCLES	1		Shan 3 said	AVG	1	2	3	AVG
		2.750	2.740	2.733	2.880	2.780	2.860	2.840
	2.895	3.005	2.835	2.928	6.235	6.255	6.270	6.253
SIGNS OF WEAR			REC (00 50) 100 20) 101	X.				
	OK		10/2	£				
8,000 CYCLES	11	2	35,	AVG	1	2	3	AVG
SAFE TO FIRE	1.805	1.785	1.760	1.783	1.745	1.775	1,800	1.773
FIRE TO SAFE	1.760	1.790	1.770	1.773	5.560	5.555	5.420	5.512
SIGNS OF WEAR	OK			And Light Control of the Control of				
			ď					
10,000 CYCLES	1	2	3	AVG	1	2	3	AVG
SAFE TO FIRE	1.650		1.685	1.662,	1.740	1.655	1.745	1.713
FIRE TO SAFE	1.745		1.730	1.735	5.225	5.360	5.310	5.298
SIGNS OF WEAR	HOLE IN SIDE	PLATE WHE	RE DETENT S	PRING GOES	SIGNS OF WE	AR.		
				20	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
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				- Administration	集 逆生			
					10 125°			~
	FIRE TO SAFE SIGNS OF WEAR 4,000 CYCLES SAFE TO FIRE FIRE TO SAFE SIGNS OF WEAR 6,000 CYCLES SAFE TO FIRE FIRE TO SAFE SIGNS OF WEAR 8,000 CYCLES SAFE TO FIRE FIRE TO SAFE SIGNS OF WEAR 10,000 CYCLES SAFE TO FIRE FIRE TO SAFE SIGNS OF WEAR	2,000 CYCLES 1 SAFE TO FIRE 2.855 FIRE TO SAFE 3.065 SIGNS OF WEAR OK 4,000 CYCLES 1 SAFE TO FIRE 2.775 FIRE TO SAFE 3.195 SIGNS OF WEAR OK 6,000 CYCLES 1 SAFE TO FIRE 2.710 FIRE TO SAFE 2.895 SIGNS OF WEAR OK 8,000 CYCLES 1 SAFE TO FIRE 1.805 FIRE TO SAFE 1.760 SIGNS OF WEAR OK 10,000 CYCLES 1 SAFE TO FIRE 1.650 FIRE TO SAFE 1.650 FIRE TO SAFE 1.745	2,000 CYCLES 1 2 2,985 SAFE TO FIRE 2.855 2.985 FIRE TO SAFE 3.065 2.990 4,000 CYCLES 1 2 SAFE TO FIRE 2.775 2.760 FIRE TO SAFE 3.195 3.070 SIGNS OF WEAR OK 6,000 CYCLES 1 2 SAFE TO FIRE 2.710 2.750 FIRE TO SAFE 2.895 3.005 SIGNS OF WEAR OK 8,000 CYCLES 1 2 SAFE TO FIRE 1.805 1.785 FIRE TO SAFE 1.760 1.790 SIGNS OF WEAR OK 10,000 CYCLES 1 2 SAFE TO FIRE 1.650 1.650 FIRE TO SAFE 1.650 1.650 FIRE TO SAFE 1.730	2,000 CYCLES 1 2,855 2,860 FIRE TO SAFE 3,065 2,990 2,985 SIGNS OF WEAR OK 4,000 CYCLES 1 2 3 SAFE TO FIRE 2,775 2,760 2,765 FIRE TO SAFE 3,195 3,070 2,935 SIGNS OF WEAR OK 6,000 CYCLES 1 2 3,955 SIGNS OF WEAR OK 6,000 CYCLES 1 2 3,005 SAFE TO FIRE 2,710 2,750 2,740 FIRE TO SAFE 2,895 3,005 2,835 SIGNS OF WEAR OK 8,000 CYCLES 1 2 3,005 SAFE TO FIRE 1,805 1,760 1,770 FIRE TO SAFE 1,760 1,790 1,770 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 SAFE TO FIRE 1,805 1,790 1,770 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 SAFE TO FIRE 1,850 1,650 1,685 FIRE TO SAFE 1,650 1,650 1,685 FIRE TO SAFE 1,745 1,730 1,730	2,000 CYCLES 1 2 3 AVG SAFE TO FIRE 2.855 Z.985 2.860 2.897 FIRE TO SAFE 3.065 2.990 2.985 3.013 SIGNS OF WEAR OK 4,000 CYCLES 1 2 AVG SAFE TO FIRE 2.775 2.760 2.765 2.767 FIRE TO SAFE 3.195 3.070 2.955 3.073 SIGNS OF WEAR OK 6,000 CYCLES 1 2 3 AVG SAFE TO FIRE 2.710 2.750 2.740 2.733 FIRE TO SAFE 3.95 3.005 2.885 2.928 SIGNS OF WEAR OK 8,000 CYCLES 1 2 3 AVG SAFE TO FIRE 1.805 1.785 1.760 7.783 FIRE TO SAFE 1.760 1.790 1.770 1.773 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG SAFE TO FIRE 1.805 1.785 1.760 7.783 FIRE TO SAFE 1.760 1.790 1.770 1.773 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG SAFE TO FIRE 1.850 1.650 1.685 1.662 FIRE TO SAFE 1.745 1.730 1.730 1.735 SIGNS OF WEAR HOLE IN SIDE PLATE WHERE DETENT SPRING GOES	2,000 CYCLES 1 2 3 AVG 1 SAFE TO FIRE 2.855 2.985 2.860 2.897 2.995 FIRE TO SAFE 3.065 2.990 2.985 3.013 6.390 SIGNS OF WEAR OK 4,000 CYCLES 1 2 AVG 1 SAFE TO FIRE 2.775 2.760 2.765 2.767 2.905 FIRE TO SAFE 3.195 3.070 2.955 3.073 6.320 SIGNS OF WEAR OK 6,000 CYCLES 1 2 3 AVG 1 SAFE TO FIRE 2.710 2.750 2.740 2.733 2.880 FIRE TO SAFE 3.95 3.005 2.895 2.928 6.235 SIGNS OF WEAR OK 8,000 CYCLES 1 2 3 AVG 1 SAFE TO FIRE 2.710 2.750 2.740 2.733 2.880 FIRE TO SAFE 3.95 3.005 2.895 2.928 6.235 SIGNS OF WEAR OK 8,000 CYCLES 1 2 3 AVG 1 SAFE TO FIRE 1.805 1.785 1.760 7.783 1.745 FIRE TO SAFE 1.760 1.790 1.770 1.773 5.560 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 SAFE TO FIRE 1.805 1.760 1.770 1.773 5.560 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 SAFE TO FIRE 1.650 1.650 1.695 1.662 1.740 FIRE TO SAFE 1.745 1.730 1.730 1.735 5.225 SIGNS OF WEAR HOLE IN SIDE PLATE WHERE DETENT SPRING GOES SIGNS OF WE	2,000 CYCLES 1 2 3 AVG 1 2 SAFE TO FIRE 2.855 2.860 2.897 2.995 2.905 FIRE TO SAFE 3.065 2.990 2.985 3.013 6.390 6.445 SIGNS OF WEAR OK 4,000 CYCLES 1 2 8 AVG 1 2 SAFE TO FIRE 2.775 2.760 2.765 2.767 2.905 2.855 FIRE TO SAFE 3.195 3.070 2.955 3.073 6.320 6.375 SIGNS OF WEAR OK 6,000 CYCLES 1 2 3 AVG 1 2 SAFE TO FIRE 2.710 2.750 2.740 2.733 2.880 2.780 FIRE TO SAFE 2.895 3.005 2.836 2.928 6.235 6.255 SIGNS OF WEAR OK 8,000 CYCLES 1 2 3 AVG 1 2 SAFE TO FIRE 1.805 1.785 1.790 1.773 5.560 5.555 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 2 SAFE TO FIRE 1.805 1.785 1.790 1.773 5.560 5.555 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 2 SAFE TO FIRE 1.650 1.650 1.685 1.662 1.740 1.655 FIRE TO SAFE 1.650 1.650 1.635 1.662 1.740 1.655 FIRE TO SAFE 1.745 1.730 1.730 1.730 1.736 5.225 5.360 SIGNS OF WEAR HOLE IN SIDE PLATE WHERE DETENT SPRING GOES SIGNS OF WEAR	2,000 CYCLES 1 2,855 2,860 2,897 2,995 2,905 2,900 FIRE TO SAFE 3,065 2,900 2,985 3,013 6,390 6,445 6,335 SIGNS OF WEAR OK 4,000 CYCLES 1 2 8 AVG 1 2 3 SAFE TO FIRE 2,775 2,760 2,765 2,767 2,905 2,865 2,915 FIRE TO SAFE 3,195 3,070 2,955 3,073 6,320 6,375 6,310 SIGNS OF WEAR OK 6,000 CYCLES 1 2 3 AVG 1 2 3 SAFE TO FIRE 2,710 2,750 2,740 2,733 2,880 2,780 2,860 FIRE TO SAFE 2,895 3,005 2,836 2,928 6,235 6,255 6,270 SIGNS OF WEAR OK OK 8,000 CYCLES 1 2 3 AVG 1 2 3 SAFE TO FIRE 1,805 1,785 1,760 1,770 1,773 5,560 5,555 5,420 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 2 3 SAFE TO FIRE 1,805 1,780 1,790 1,770 1,773 5,560 5,555 5,420 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 2 3 SAFE TO FIRE 1,805 1,760 1,770 1,773 5,560 5,555 5,420 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 2 3 SAFE TO FIRE 1,805 1,650 1,790 1,770 1,773 5,560 5,555 5,420 SIGNS OF WEAR OK 10,000 CYCLES 1 2 3 AVG 1 2 3 SAFE TO FIRE 1,805 1,650 1,650 1,655 1,745 FIRE TO SAFE 1,745 1,730 1,730 1,735 5,525 5,360 5,310 SIGNS OF WEAR HOLE IN SIDE PLATE WHERE DETENT SPRING GOES SIGNS OF WEAR

PROJECT # 231314 ENG : MIKE KEENEY

DRY CYCLE TEST 10,000 CYCLES

TEST 10,000 CYCLES TLW 1463

10,000 DRY CYCLE TEST		The state of the s							
MEASURE SAFE	TY ON / OFF FORCE		0 CYCLES AN	D SIGNS OF V	VEAR.				
		BOLT OPEN	397			BOLT CLOSED			
	0 CYCLES	1	1995	3	AVG	11	2	33	AVG
A-30	SAFE TO FIRE		3.375	3.310	3.323	3.370	3.345	3.375	3.363
FIRE CONTROL	FIRE TO SAFE	3,125	3.070	2.930	3.042	6.570	6.535	6.540	6.548
	SIGNS OF WEAR	OK	20 J.O						
		L		1 3 h		_		<u></u>	<u> </u>
	2,000 CYCLES	11	2,	. 3	AVG	11_	2	3	AVG
A-30	SAFE TO FIRE	3.155	3,013 ang	55 M 040	3.072	3.005	3.075	3.160	3.080
FIRE CONTROL	FIRE TO SAFE	2.790	2.740	2.815	2.782	6.555	6.505	6.495	6.518
	SIGNS OF WEAR	OK	*	e og					
				SULP.		L			
l	4,000 CYCLES	1	2	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AVG	1	2	3	AVG
A-30	SAFE TO FIRE	3.015	3.010 ⊲∂		3.007	3.055	3.040	2.935	3.010
FIRE CONTROL	FIRE TO SAFE	2.840	2.875	2.785	2.833	6.550	6.615	6.570	6.578
	SIGNS OF WEAR	OK_		252					L
									<u> </u>
	6,000 CYCLES	11	2	*5 3 3 3 7	AVG	11	_ 2	3	AVG
A-30	SAFE TO FIRE	2.930	3.055	2.965	2.983	3.090	3.090	3.050	3.077
FIRE CONTROL	FIRE TO SAFE	2.660	2,690	2,710	2.687	6.650	6.650	6.620	6.640
	SIGNS OF WEAR	OK		200	167				
				15/ ₁₂		J			
	8,000 CYCLES	1	2	3 8	AVG	11	2	3	AVG
A-30	SAFE TO FIRE				#DIV/0!	L			#DIV/0!
FIRE CONTROL	FIRE TO SAFE			, ja	#DIV/0!	L			#DIV/0!
		DETENT SPR							
	HOLE IN SIDE PLATE WHERE DETENT SPRING GOES SIGNS OF WEAR.								1
	10,000 CYCLES	1	2	33	AVG	1	2	3	AVG
A-30	SAFE TO FIRE		l		#DIV/01				#DIV/0!
FIRE CONTROL	FIRE TO SAFE				#DIV/0!	100			#DIV/0!
L	SIGNS OF WEAR					الدم			

