

1 Sheet

Model 72-2

Pilot Line Test

Date 2/17/48# 25397

R.T. No.	Rounds Fired	Malfunctions											Remarks
		Firing	Unlocking	Primary Extraction	Secondary Extraction	Ejection	Cocking	Feeding	Loading	Locking	Breakages	Replacements	
	0												Headspace OK
													Man OK
													for all test OK
													Bolt Opening 13 7
													11 6
													11 7
													12 6
													11 6
	0- 30												20 th rd (slow)
	31- 60												32 nd " "
													33 rd " "
													58 th " "
	61- 90												62 nd " "
	91- 120												94 th " "
													109 th " "
	121- 180												Accuracy test

#2 shell

Model

722

Kilot Line test

Date

3/17/48

#25397

Rounds Fired	Malfunctions													Remarks		
	Firing	Unlocking	Primary	Extraction	Secondary	Extraction	Ejection	Cocking	Feeding	Loading	Locking	Breakages	Replacements		Gun Failures	Adjustments
180																Trigger Pull 6# 8oz
																6 13
																6 4
																6 7
																6 5
																Timing Pin Indent - .10165
																.017
																.0165
																.017
																.0155
																Headspace Max OK
																Min OK
																Bolt Opening - 14 - 15
																10 - 13
																13 - 11
																11 - 11
																10 - 12

#3 sheet

Model 722

Date 3/17/48

Pilot line
testing

25397

S.S. No.	Round Fired	Malfunctions											Remarks
		Firing	Unlocking	Primary Extraction	Secondary Extraction	Ejection	Cocking	Feeding	Loading	Locking	Brakes	Replacement	
	180												
181-	220	OK											
221-	260					1							fail to eject (S)
261-	300	2											fail to fire (light blow)
													" " " " "
301-	340	4				3							fail to eject (S)
341-	380												fail to fire (too quick ^{slow})
													but seemed out ^{not changed}
													New firing pin assembly
													old assembly was binding
													because of burrs on R.P.
													fail to fire (at 340 rds)
													Angular test
381-	395	OK											Left side up
396-	410	OK											Right " "
411-	425												Up
426-	440	OK				1							Down fail to eject (S)
441-	470					4							fail to eject (SS MS)
471-	490					III							" " " Very slow
491-	500					II							sticks inside of bolt head under
501-	520					II							extractor
521-	540					II							slow Very large ejector
	580					III							"
													End sticks inside bolt head under extractor
													also binds

BOL 001616

#4 sheet

Model 722

Pilot line testing

Date _____

ZALLER

H 25397

o.	Round Fired	Malfunctions											Remarks
		Firing	Unloading	Primary	Extension	Secondary	Extraction	Ejection	Cocking	Feeding	Loading	Locking	
581-	600							2					fails to eject slow finds on ejector
601-	640							2					" " "
641-	680							1					" " " binding
681-	700							2					" " "
701-	740							1					" " "
741-	780							2					fault of Ammo - primers finds on ejector - Slow fast binding on primer
781-	800							2					Slow
801-	820							1					"
821-	840							3					"
841-	880							2					"
881-	920							3					"
921-	960							2					"
961-	1000							2					(Bolt handle beginning to raise hard fail to eject Stem Chamber 000 Amp. Charge Ejector. fail

Model _____

Date

No.	Serial	Malfunctions	Remarks
		Firing Malfunction Primary Extraction Secondary Extraction Ejection Cocking Feeding Loading Locking Ejector Magazine Ammunition Gun Failure Malfunction	

BARBER - PRESALE R 0100316 R2501304

BARBER - PRESALE R 0100317 R2501305

Model _____

Date _____

No.	Remarks	Functions
		Firing
		Initiating
		Primary
		Extinction
		Secondary
		Extraction
		Ejection
		Cooling
		Testing
		Loading
		Locking
		Bridging
		Unloading
		Can Failure
		Maintenance

Walt

TO	FROM
☒ S. M. Alvis) In	
☒ H. A. Brown) Turn	
☒ C. H. Borden	
☒ J. D. Clissard Bot.	
☒ J. R. Crittenbourn, Wilm.	
☒ W. C. Schure	
☒ W. W. Winger	☒
☒ J. R. Paulkner	
☒ R. H. Grace	
☒ H. J. Hackman	
☒ W. H. Harrison	
☒ H. R. Howell	
☒ J. Hammond	
☒ O. Hayes	
☒ J. D. Herbert	
☒ C. E. Leek	
☒ F. H. McDonald	
☒ H. C. Richardson	
☒ P. B. Rutherford	
☒ S. P. Tobias	
☒ M. H. Walker	