

**CW SOP-I-6 Equipment Maintenance Schedule**

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*Approved by Director: Dr. Guy Vallaro***Firearm/Toolmark Section Equipment Maintenance Schedule**

Identifier	Make	Model	S/N	State of CT tag #	Location	Maintenance
Mic 1	American Optical comparison microscope	n/a	5066	5966	11-135	Yearly, by lab-approved vendor
Mic 2	Leica comparison microscope	FSM	370274	42490	11-135	Yearly, by lab-approved vendor
Mic 3	Leitz comparison microscope	n/a	992827	16635	11-135	Yearly, by lab-approved vendor
Mic 4	Leica comparison microscope	FSC	256258	37664	11-135	Yearly, by lab-approved vendor
Mic 5	Leica comparison microscope	FSM	370273	42491	11-135	Yearly, by lab-approved vendor
Mic 6	Leica comparison microscope	K2700	348-8	31406	11-135	Yearly, by lab-approved vendor
n/a	Leica stereoscope	A60	5874049	42654	11-133	Yearly, by lab-approved vendor
n/a	Leica stereoscope	EZ4D	5711994	40446	11-133	Yearly, by lab-approved vendor
n/a	Olympus stereoscope	SZ4D	095064	25041	11-133	Yearly, by lab-approved vendor
n/a	Leica stereoscope	EZ4D	5712002	40448	11-129	Yearly, by lab-approved vendor
n/a	Leica stereoscope	A60	5884525	42653	11-129	Yearly, by lab-approved vendor
n/a	Fisher Scientific stereoscope	Stereo-master	unknown	40125	11-131	Yearly, by lab-approved vendor
n/a	Fisher Scientific stereoscope	Stereo-master	unknown	40124	11-131	Yearly, by lab-approved vendor
n/a	Fisher Scientific stereoscope	Stereo-master	unknown	36841	11-145	Yearly, by lab-approved vendor
n/a	Nikon stereoscope	unknown	97020	5701	11-129	Yearly, by lab-approved vendor
n/a	Leica stereoscope	EZ4D	5712001	40447	11-133	Yearly, by lab-approved vendor

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n/a	Satorius balance	1205 MP	3106006	14703	11-132	Yearly, by lab-approved vendor. Checked monthly with 100, 50, and 10 gram weights; recorded in log book.
n/a	Ohaus balance	AR5120	I18412251 50745P	n/a	11-132	Yearly, by lab-approved vendor. Checked monthly with 100, 50, and 10 gram weights; recorded in log book.
n/a	Precision Forensic Testing (PFT) overall/barrel measuring device	Device: MD36  Ruler: 2020A	Device: 1020  Ruler: C38870	n/a	11-132	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked monthly, with firearms 1-3 listed in Uncertainty Budget; recorded in log book.
#1	Fisher Scientific calipers	32600	111851905	n/a	11-132	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.
#2	Fisher Scientific calipers	06-664-16	101681722	n/a	11-132	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.
#3	Fisher Scientific calipers	32600	122047571	n/a	11-132	Calibrated every 5 years by lab-approved

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						vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.
#4	Fisher Scientific calipers	32600	122047518	n/a	11-132	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.
#5	Fisher Scientific calipers	14-648-17	51127884	n/a	11-132	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.
#6	Fisher Scientific calipers	06-664-16	101681685	n/a	11-132	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.
#7	Starrett	721	96040141	n/a	11-133	Calibrated every 5 years by lab-approved vendor, earlier if noticeable damage. Checked yearly with gage block set: .300", .500", and 1.000"; recorded in log book.

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Identifier	Make	Model	S/N	State of CT tag #	Location	Maintenance
n/a	NRA static weights	n/a	n/a	n/a	11-132	Checked annually in-house; recorded in log book
n/a	Amtek force gage	L-30	17111	17111	11-132	Calibrated every 3 years, earlier if noticeable damage. Checked monthly with 2 lb. and 5 lb. NRA static weights; recorded in log book.
n/a	NIBIN BrassTrax acquisition unit	n/a	n/a	n/a	11-145	Checked internally every month (refer to CW-I-4); maintained by FTI as needed/necessary.
n/a	Denver Instruments metric weights set	854050.7	07-J77257	n/a	11-132	Calibrated every 2 years by lab-approved vendor; earlier if noticeable damage.
n/a	Gage blocks	n/a	A1230	n/a	11-132	Calibrated every 5 years by lab-approved vendor; earlier if noticeable damage.