

Document ID	Document Title	Direct URL	Doc Title URL
1234	SAMPLE DOCUMENT	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=1234	SAMPLE DOCUMENT
3209	AFTE Article - Guarding Against Error	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3209	AFTE Article - Guarding Against Error
3210	Cognitive Bias and Blindness	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3210	Cognitive Bias and Blindness
3211	Error and its Meaning in Forensic Science	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3211	Error and its Meaning in Forensic Science
3212	ISO Standards Addressing Bias Impartiality Forensic Work	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3212	ISO Standards Addressing Bias Impartiality Forensic Work
3213	Practicle Solutions to Cognitive Human Factors in Forensic Science	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3213	Practicle Solutions to Cognitive Human Factors in Forensic Science
3214	The Forensic Confirmation Bias - Comparison Between Experts and Novices	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3214	The Forensic Confirmation Bias - Comparison Between Experts and Novices
3215	The Four Idols of Human Biases	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3215	The Four Idols of Human Biases
3216	NFSTC Training Module 2 History	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3216	NFSTC Training Module 2 History
3217	NFSTC Training Module 3 Propellants,Firearms, and Ammunition Development	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3217	NFSTC Training Module 3 Propellants,Firearms, and Ammunition Development
3218	The History of Firearm and Toolmark Identificaion	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3218	The History of Firearm and Toolmark Identificaion
3219	The History of Firearm Identification	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3219	The History of Firearm Identification
3220	AFTE Glossary (SECTION 8)	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3220	AFTE Glossary (SECTION 8)
3221	History of Manufacturing Process - Jennings Bryco Jimenez	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3221	History of Manufacturing Process - Jennings Bryco Jimenez
3222	Information on Hi-Point Manufacturing	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3222	Information on Hi-Point Manufacturing
3223	Manufacturing Marks on Speer Cartridges	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3223	Manufacturing Marks on Speer Cartridges
3224	Manufacturing of SIG Sauer 9 x 19 mm Pistols	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3224	Manufacturing of SIG Sauer 9 x 19 mm Pistols
3225	NFSTC-Training Module 4 Modern Firearm Manufacturing	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3225	NFSTC-Training Module 4 Modern Firearm Manufacturing
3226	NFSTC-Training Module 5 Small Arms Ammunition	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3226	NFSTC-Training Module 5 Small Arms Ammunition
3227	Subclass Characteristics From Origin to Evaluation	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3227	Subclass Characteristics From Origin to Evaluation
3228	AFTE Glossary (SECTION 1)	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3228	AFTE Glossary (SECTION 1)
3229	NFSTC Training Module 8	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3229	NFSTC Training Module 8
3230	SAAMI Unsafe-Arms-and-Ammunition-Combinations-Web-Site-and-Brochure-Master-Revised-2-18-2019	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3230	SAAMI Unsafe-Arms-and-Ammunition-Combinations-Web-Site-and-Brochure-Master-Revised-2-18-2019
3231	Barrel and Overall Measurements UK Perspective	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3231	Barrel and Overall Measurements UK Perspective
3232	SWGGUN Guidelines - Barrel and Overall	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3232	SWGGUN Guidelines - Barrel and Overall
3233	NFSTC Module 7 Equipment and Instrumentation	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3233	NFSTC Module 7 Equipment and Instrumentation
3234	A Worldwide Study of Bullets Fired from 10 Consecutively Rifled 99mm Ruger Pistol Barrels	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3234	A Worldwide Study of Bullets Fired from 10 Consecutively Rifled 99mm Ruger Pistol Barrels
3235	An Examination of Five Consecutively Rifled Hi-Point 9mm Pistol	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3235	An Examination of Five Consecutively Rifled Hi-Point 9mm Pistol
3236	An Examination of Five Consecutively Rifled Hi-Point 9mm Pistol	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3236	An Examination of Five Consecutively Rifled Hi-Point 9mm Pistol
3237	Bullet Comparison and Identification	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3237	Bullet Comparison and Identification
3238	Elimination Factors Related to FA-TM Identification SWGGUN	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3238	Elimination Factors Related to FA-TM Identification SWGGUN
3239	Glock Marking Barrels – An Evaluation of Individual and Subclass Characteristics	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3239	Glock Marking Barrels – An Evaluation of Individual and Subclass Characteristics
3240	NFSTC Module 10 Characterization and Evaluation of Fired Projectiles	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3240	NFSTC Module 10 Characterization and Evaluation of Fired Projectiles
3242	Theory Of Identification As It Relates To Toolmarks	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3242	Theory Of Identification As It Relates To Toolmarks
3243	Breech Face Subclass Characteristics of the Jimenez JA Nine Pistol	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3243	Breech Face Subclass Characteristics of the Jimenez JA Nine Pistol
3244	NFSTC Module 9 Cartridge and Shotgun Examination	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3244	NFSTC Module 9 Cartridge and Shotgun Examination
3245	Subclass Characteristics in Smith & Wesson SW40VE Sigma Pistols	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3245	Subclass Characteristics in Smith & Wesson SW40VE Sigma Pistols

3246	Subclass Characteristics on CCI Speer Cartridge Case Heads	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3246
3247	Subclass Characteristics on Firing Pins Manufactured by Metal Injection Molding	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3247
3248	The Potential for and Persistence of Subclass Characteristics on the Breech Faces of SW40VE Smith & Wesson	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3248
3249	Firing of Alternate Cartridges in a .410 Gauge Shotgun	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3249
3250	Identification of Three 000 Buck Pellets Fired from a Sawed-off .410 Bore Shotgun	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3250
3251	NFSTC Module 9 Cartridge and Shotgun Examination	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3251
3252	AFTE Glossary (SECTION 3) - Copy	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3252
3253	NFSTC Module 12 Gunshot Residue and Distance Determination	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3253
3254	AFTE Glossary (SECTION 2)	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3254
3255	NFSTC Module 13 Toolmark Identification	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3255
3256	Photo Documentation of Toolmark Identifications – An Argument in Support	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3256
3257	Toolmarks - Examining The Possibility of Subclass Characteristics	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3257
3258	Module 16 AFTE Glossary (SECTION 4) - Copy (2)	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3258
3259	Serial Number Restoration Training Course-MSP (COMBINED)	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3259
3261	1 Syllabus	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3261
3262	2 Presentation	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3262
3263	3 Chemicals and Supplies	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3263
3264	4 ATF Obliteration Descriptions and Codes	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3264
3265	5 Procedure Manual and Worksheet	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3265
3266	6 Serial Number Restoration Guide	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3266
3267	7 Reference Literature	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3267
3268	Appendix CSI Serial Num Restoration Guide	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3268
3269	Tutorial- UM Firearm Barrel Length	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3269
3270	A Response To The NAS Report	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3270
3271	Firearm & Toolmark Identification-Meeting the Daubert Challenge	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3271
3272	Firearm Examiner Expert Witness Testimony	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3272
3273	NFSTC Module 14 Communicating Results	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3273
3274	SWGgun-Passing the Reliability Test Under Federal and State Evidentiary Standards	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3274
3275	The Daubert Standard_ A Guide To Motions, Hearings, and Rulings	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3275
3276	Why Do Daubert and Frye Standards Matter	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3276
3278	FTM T-01 OCSO FSL Orientation	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3278
3279	FTM T-02 OCSO FSL Safety	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3279
3281	FTM T-03 OCSO FSL Management System	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3281
3282	FTM T-04 Ethics, Bias and Error	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3282
3283	FTM T-05 Justice Trax Part 1	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3283
3284	FTM T-06 General Forensic Science and History of Firearms, Ammunition, and Identification	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3284
3286	FTM T-07 Modern Firearm and Ammunition Manufacturing	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3286

[Subclass Characteristics on CCI Speer Cartridge Case Heads](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3246)

[Subclass Characteristics on Firing Pins Manufactured by Metal Injection Molding](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3247)

[The Potential for and Persistence of Subclass Characteristics on the Breech Faces of SW40VE Smith & Wesson](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3248)
[Firing of Alternate Cartridges in a .410 Gauge Shotgun](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3249)

[Identification of Three 000 Buck Pellets Fired from a Sawed-off .410 Bore Shotgun](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3250)
[NFSTC Module 9 Cartridge and Shotgun Examination](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3251)
[AFTE Glossary \(SECTION 3\) - Copy](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3252)

[NFSTC Module 12 Gunshot Residue and Distance Determination](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3253)
[AFTE Glossary \(SECTION 2\)](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3254)
[NFSTC Module 13 Toolmark Identification](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3255)

[Photo Documentation of Toolmark Identifications – An Argument in Support](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3256)

[Toolmarks - Examining The Possibility of Subclass Characteristics](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3257)
[Module 16 AFTE Glossary \(SECTION 4\) - Copy \(2\)](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3258)

[Serial Number Restoration Training Course-MSP \(COMBINED\)](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3259)
[1 Syllabus](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3261)
[2 Presentation](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3262)
[3 Chemicals and Supplies](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3263)
[4 ATF Obliteration Descriptions and Codes](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3264)
[5 Procedure Manual and Worksheet](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3265)
[6 Serial Number Restoration Guide](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3266)
[7 Reference Literature](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3267)
[Appendix CSI Serial Num Restoration Guide](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3268)
[Tutorial- UM Firearm Barrel Length](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3269)
[A Response To The NAS Report](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3270)

[Firearm & Toolmark Identification-Meeting the Daubert Challenge](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3271)
[Firearm Examiner Expert Witness Testimony](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3272)
[NFSTC Module 14 Communicating Results](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3273)

[SWGgun-Passing the Reliability Test Under Federal and State Evidentiary Standards](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3274)

[The Daubert Standard_ A Guide To Motions, Hearings, and Rulings](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3275)
[Why Do Daubert and Frye Standards Matter](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3276)
[FTM T-01 OCSO FSL Orientation](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3278)
[FTM T-02 OCSO FSL Safety](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3279)
[FTM T-03 OCSO FSL Management System](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3281)
[FTM T-04 Ethics, Bias and Error](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3282)
[FTM T-05 Justice Trax Part 1](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3283)

[FTM T-06 General Forensic Science and History of Firearms, Ammunition, and Identification](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3284)
[FTM T-07 Modern Firearm and Ammunition Manufacturing](http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3286)

3287	FTM T-08 Modern Firearm Mechanisms and Functionality Testing	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3287
3288	FTM T-09 Length Measurements	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3288
3289	FTM T-10 General Equipment and Instrumentation	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3289
3290	FTM T-11 Fired Bullet Examination and Comparison	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3290
3291	FTM T-12 Fired Cartridge Case Examination & Comparison	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3291
3292	FTM T-13 Fired Shotgun Shell Component Examination & Comparison	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3292
3293	FTM T-14 Gunshot Residue Examination & Distance Determination	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3293
3294	FTM T-15 Tool Mark Examination and Comparison	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3294
3295	FTM T-16 Serial Number Restoration	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3295
3296	FTM T-17 NIBIN	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3296
3297	FTM T-18 Measurement Uncertainty	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3297
3298	FTM T-19 Justice Trax Part 2	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3298
3299	FTM T-20 Technical-Administrative Review	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3299
3300	FTM T-21 Legal Issues and Expert Witness Testimony	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3300
3301	FTM COMP-2 Serial Number Restoration	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3301
3302	FTM COMP-3 Firearms Related Comparisons	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3302
3303	FTM COMP-4 Tool Mark Comparisons	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3303
3304	FTM COMP-5 Gunshot Residue and Distance Determination	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3304
3354	FTM COMP-1 Firearms Examination	http://ocso-fsl.qualtraxcloud.com/showdocument.aspx?ID=3354

- [FTM T-08 Modern Firearm Mechanisms and Functionality Testing](#)
- [FTM T-09 Length Measurements](#)
- [FTM T-10 General Equipment and Instrumentation](#)
- [FTM T-11 Fired Bullet Examination and Comparison](#)
- [FTM T-12 Fired Cartridge Case Examination & Comparison](#)

[FTM T-13 Fired Shotgun Shell Component Examination & Comparison](#)

- [FTM T-14 Gunshot Residue Examination & Distance Determination](#)
- [FTM T-15 Tool Mark Examination and Comparison](#)
- [FTM T-16 Serial Number Restoration](#)
- [FTM T-17 NIBIN](#)
- [FTM T-18 Measurement Uncertainty](#)
- [FTM T-19 Justice Trax Part 2](#)
- [FTM T-20 Technical-Administrative Review](#)
- [FTM T-21 Legal Issues and Expert Witness Testimony](#)
- [FTM COMP-2 Serial Number Restoration](#)
- [FTM COMP-3 Firearms Related Comparisons](#)
- [FTM COMP-4 Tool Mark Comparisons](#)
- [FTM COMP-5 Gunshot Residue and Distance Determination](#)
- [FTM COMP-1 Firearms Examination](#)