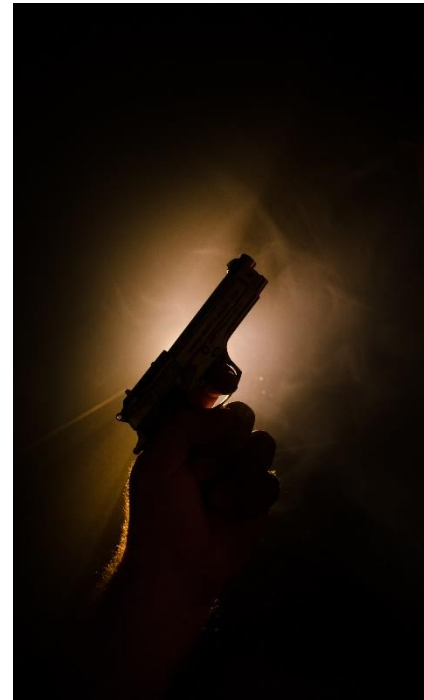




Crime Guns: What Every Officer Needs to Know

But Wasn't Taught at the Academy



Mark Kraft

Today's Speaker



Mark Kraft

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- Mark Kraft Firearms Consulting and Training



Every Gun Tells a Story



Image Source ATF





WHAT IS A CRIME GUN INTELLIGENCE CENTER?

Overview for Local Law Enforcement

The Crime Gun Intelligence Center (CGIC) is an innovative approach to combat gun violence by employing cutting-edge technology developed by the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) and a dedicated multiagency investigative team to identify, disrupt, and prosecute violent offenders. The CGIC allows different agencies and jurisdictions to share information on ballistic evidence recovered from both cartridge casings and test fires and focuses on analyzing and investigating gun crime in a local community. The model is an interagency collaboration led by the U.S. Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) with formal partnerships between state and local law enforcement and other partners such as probation and parole, crime analysts, community groups, forensic laboratories, academic organizations, and state and federal prosecutors who are committed to combating gun crime using forensic science and dedicated investigative follow up.

The primary objective of a CGIC is to quickly identify armed violent offenders for investigation and prosecution using crime gun evidence, such as cartridge casings, in real time. The model targets are serial shooters—those select individuals committing the disproportionate amount of gun crime in a community.

CGICs rely on the swift processing of data from ATF's National Integrated Ballistic Information Network (NIBIN), which allows law enforcement to link ballistic evidence to multiple incidents in which the same firearm was used, and eTrace (<https://etrace.atf.gov/etrace/>), which allows for the tracing of recovered firearms back to their original manufacturer. ATF's Minimum Required Operating Standards (MROS) for National Integrated Ballistic Information Network (NIBIN) Sites require that all fired or test fired cartridge cases from serviced law enforcement agencies/departments are entered through a NIBIN acquisition machine within 2 business days of receipt. Correlation and a secondary review of any potential NIBIN leads through an approved NIBIN correlation machine should be conducted within 2 business days. Finally, NIBIN leads should be disseminated within 24 hours.

Other crime gun evidence processes, like tracing, DNA, and fingerprints, are also used to determine the origin and history of the firearm.

Essential CGIC Program Elements

According to ATF, successful CGICs have consistently focused on four key elements: Comprehensive Evidence Collection, Timely Turnaround, Investigative Follow-up and Prosecution, and Feedback. Incorporating these elements into a CGIC strengthens the effectiveness of NIBIN and eTrace against gun crime throughout the country.

Further, to build an effective and sustainable CGIC, adopting supportive business practices and policies is required across all levels of participating organizations—from the patrol officers and laboratory technicians, to the detectives and agents, to prosecutors and agency leadership. When fully implemented, a CGIC more effectively deploys resources for investigations, improves communication about issues directly affecting officers and public safety, and increases the number of prosecutions for crimes involving gun violence. The following seven-step process model has been identified as supporting CGIC development. These steps include ATF's four key elements.



Crime Gun Intelligence Centers



Exploiting Crime Gun Intelligence



The logo for eTrace, featuring a stylized globe with the continents of North and South America highlighted in yellow. The globe is partially obscured by the letter 'e', which is integrated into the design. To the right of the globe, the word 'Trace' is written in a large, blue, serif font.



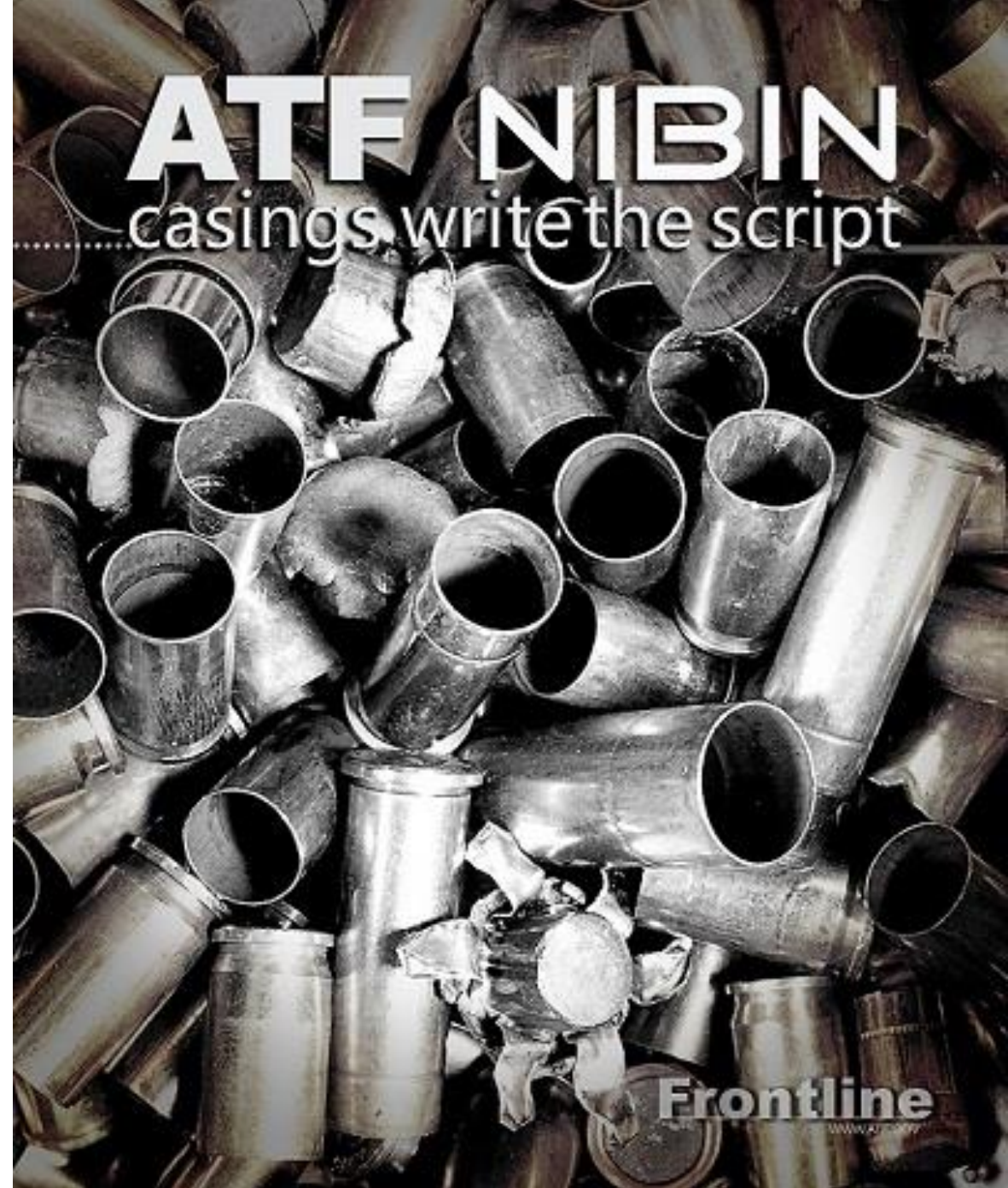
The logo for NIBIN (National Integrated Ballistic Information Network). The word 'NIBIN' is written in large, yellow, serif capital letters. The letters 'I' and 'B' are replaced by two gold-colored bullet casing heads. Below the main text, the full name 'NATIONAL INTEGRATED BALLISTIC INFORMATION NETWORK' is written in smaller, yellow, sans-serif capital letters.

Identify and target shooters and their sources of crime guns



Recovered Cartridge Cases

Image Source: ATF



NIBIN Entry and Correlation

- Trained personnel use a BrassTrax acquisition station to take digital images of the markings on recovered shell casings and test fires from recovered firearms
- IBIS technology compares images to produce a ranked correlation list of potential links
- Trained personnel review the correlation lists on MatchPoint analysis stations to identify possible matches
- The NIBIN site disseminates the NIBIN lead or confirmed hit to law enforcement



Source: ATF: Using NIBIN to Target Shooters and Solve Crime

ATF Trace Process

- All traces begin with the domestic manufacturer or importer
- The company name and city and state of operation appear on the firearm but may be in the form of an abbreviation
- This literally tells ATF who to contact to begin the trace



ATF

Trace Process

**Manufacturer/
Importer**

**Dealer/
Wholesaler**

FFL(s)

**FFL Identifies
Purchaser**



Firearms Transaction Record Part I - Over-the-Counter

WARNING: You may not receive a firearm if prohibited by Federal or State law. The information you provide will be used to determine whether you are prohibited under law from receiving a firearm. Certain violations of the Gun Control Act, 18 U.S.C. §§ 921 et. seq., are punishable by up to 10 years imprisonment and/or up to a \$250,000 fine.

Transferor's Transaction
Serial Number (If any)

Prepare in original only. All entries must be handwritten in ink. Read the Notices, Instructions, and Definitions on this form. "PLEASE PRINT."

Section A - Must Be Completed Personally By Transferee (Buyer)

1. Transferee's Full Name
Last Name | First Name | Middle Name (If no middle name, state "NMN")

2. Current Residence Address (U.S. Postal abbreviations are acceptable. Cannot be a post office box.)
Number and Street Address | City | County | State | ZIP Code

3. Place of Birth
U.S. City and State | -OR- Foreign Country | 4. Height Ft. ____ In. ____ | 5. Weight (Lbs.) | 6. Gender Male Female | 7. Birth Date Month | Day | Year

8. Social Security Number (Optional, but will help prevent misidentification) | 9. Unique Personal Identification Number (UPIN) if applicable (See Instructions for Question 9.)

10. Race (Ethnicity) (Check one or more boxes. See Instructions for Question 10.)
 American Indian or Alaska Native | Black or African American | Native Hawaiian or Other Pacific Islander
 Hispanic or Latino | Asian | White

11. Answer questions 11.a. (see exceptions) through 11.i. and 12 (if applicable) by checking or marking "yes" or "no" in the boxes to the right of the questions.

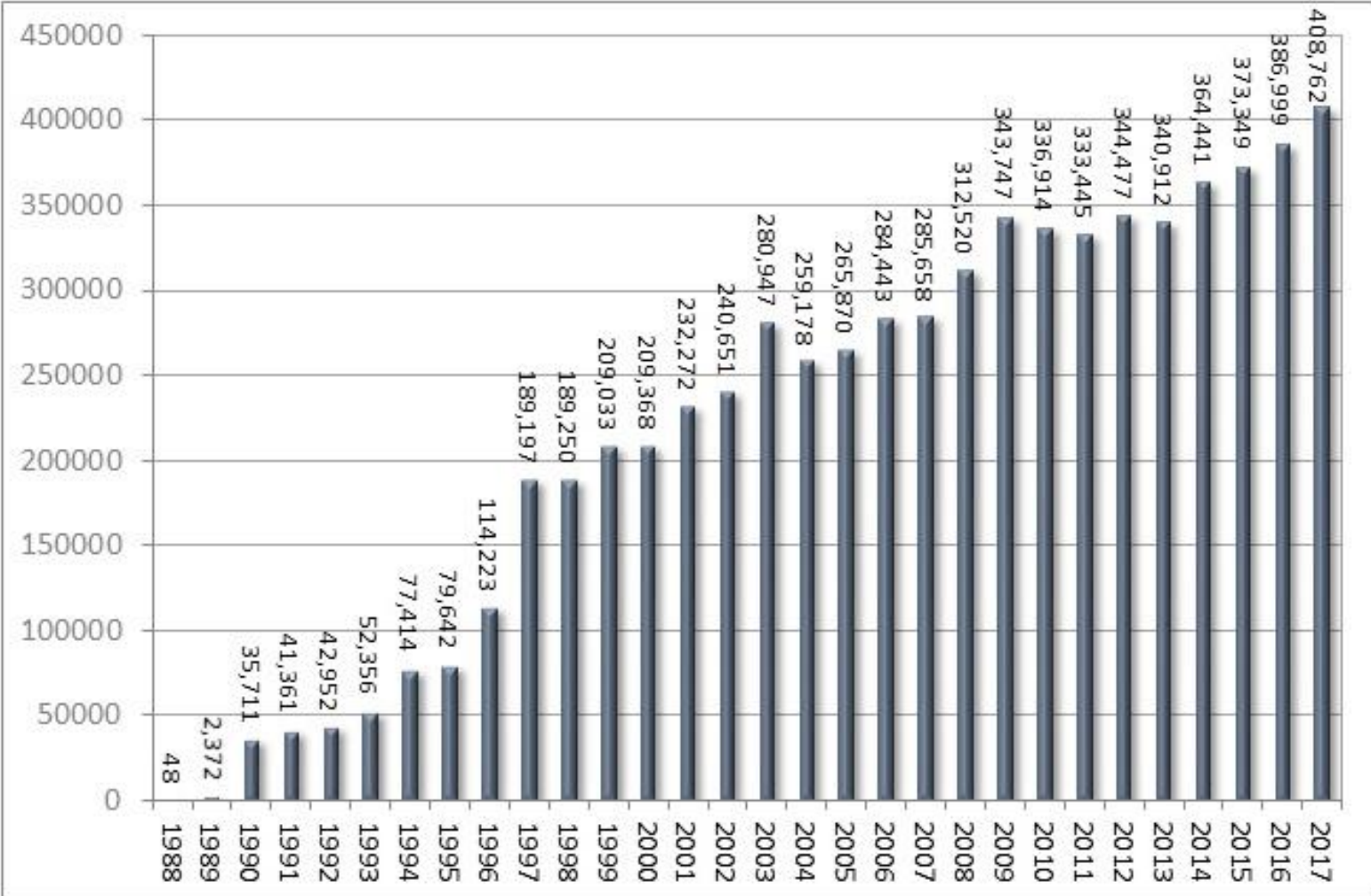
a. Are you the actual transferee/buyer of the firearm(s) listed on this form? Warning: You are not the actual buyer if you are acquiring the firearm(s) on behalf of another person. If you are not the actual buyer, the dealer cannot transfer the firearm(s) to you. (See Instructions for Question 11.a.) Exception: If you are picking up a repaired firearm(s) for another person, you are not required to answer 11.a. and may proceed to question 11.b.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
b. Are you under indictment or information in any court for a felony , or any other crime, for which the judge could imprison you for more than one year? (See Instructions for Question 11.b.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
c. Have you ever been convicted in any court of a felony , or any other crime, for which the judge could have imprisoned you for more than one year, even if you received a shorter sentence including probation? (See Instructions for Question 11.c.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
d. Are you a fugitive from justice?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
e. Are you an unlawful user of, or addicted to, marijuana or any depressant, stimulant, narcotic drug, or any other controlled substance?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
f. Have you ever been adjudicated mentally defective (which includes a determination by a court, board, commission, or other lawful authority that you are a danger to yourself or to others or are incompetent to manage your own affairs) OR have you ever been committed to a mental institution? (See Instructions for Question 11.f.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
g. Have you been discharged from the Armed Forces under dishonorable conditions?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
h. Are you subject to a court order restraining you from harassing, stalking, or threatening your child or an intimate partner or child of such partner? (See Instructions for Question 11.h.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
i. Have you ever been convicted in any court of a misdemeanor crime of domestic violence? (See Instructions for Question 11.i.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>
j. Have you ever renounced your United States citizenship?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
k. Are you an alien illegally in the United States?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
l. Are you a nonimmigrant alien? (See Instructions for Question 11.l.) If you answered "no" to this question, do NOT respond to question 12 and proceed to question 13.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
12. If you are a nonimmigrant alien, do you fall within any of the exceptions set forth in the instructions? (If "yes," the licensee must complete question 20d.) (See Instructions for Question 12.) If question 11.l. is answered with a "no" response, then do NOT respond to question 12 and proceed to question 13.	Yes <input type="checkbox"/>	No <input type="checkbox"/>

13. What is your State of residence (if any)? (See Instructions for Question 13.) | 14. What is your country of citizenship? (List/check more than one, if applicable. If you are a citizen of the United States, proceed to question 16.) United States of America Other (Specify) _____ | 15. If you are not a citizen of the United States, what is your U.S.-issued alien number or admission number?

ATF Form 4473

Image Source: ATF

Firearms Traced By Calendar Year



Source: ATF Fact Sheet, National Tracing Center, May 2018

Why Do You Need to Identify a Firearm Accurately?

- Describe the recovered firearm in reports
 - Incident report
 - Property report
 - Evidence tag
 - Search warrant return
- Run the firearm in NCIC to see if it is stolen
- Trace the firearm to determine its origin
- Testify about the firearm
- You want to look professional

Firearms Safety

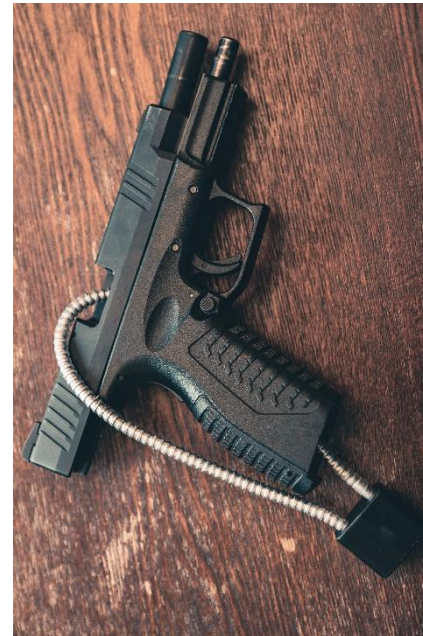
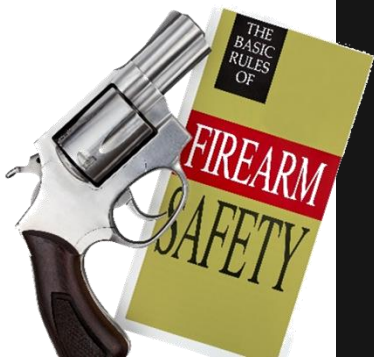
Know and follow your department's policy on the handling, examination, packaging and storage of firearms

Keep your **FINGER** off the **TRIGGER!**

Treat every firearm as if it were loaded at all times—even if you just cleared it

Always point the firearm in a safe direction

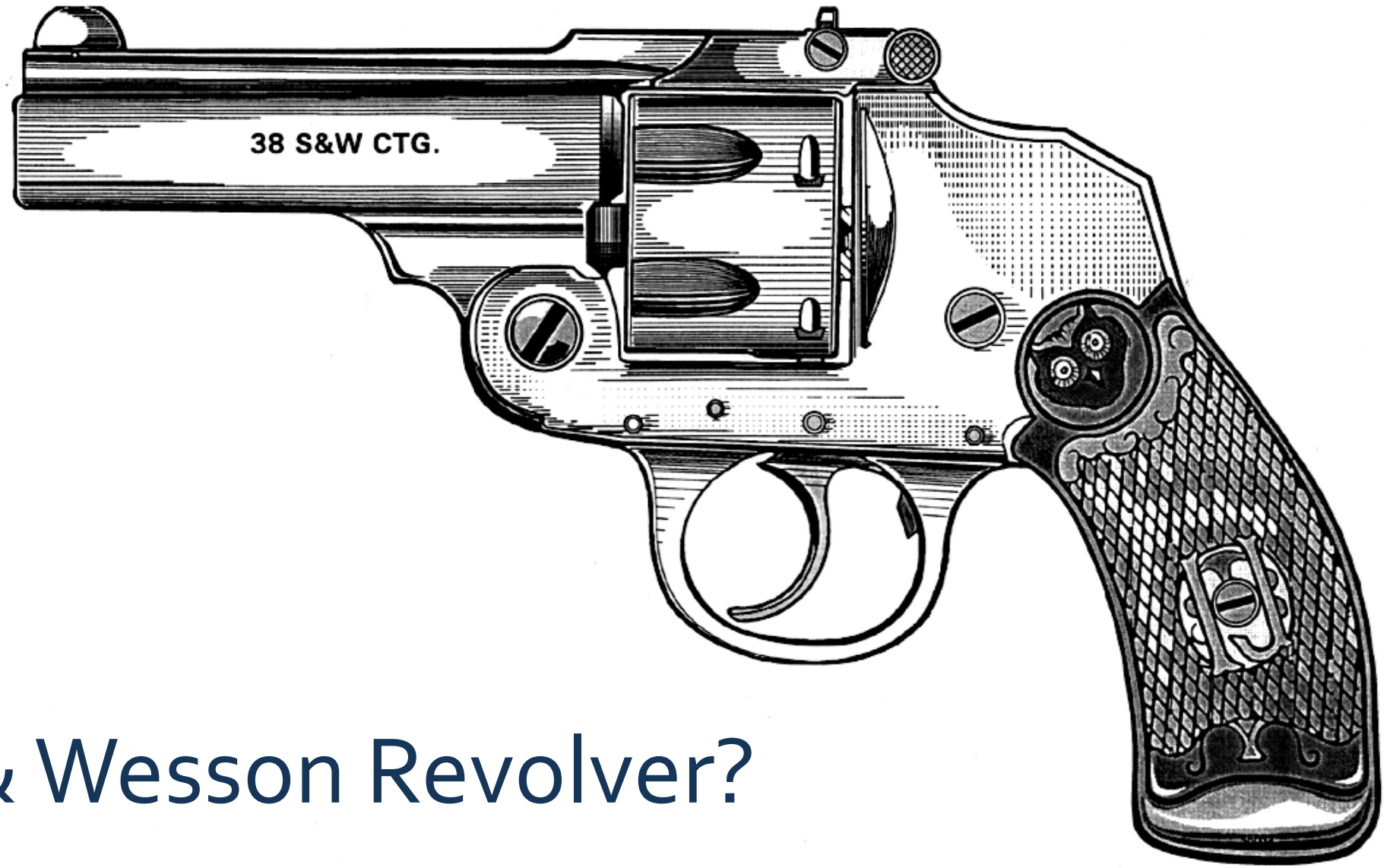
CHECK IT—CHECK IT TWICE!



How Does a Gun Get Its Identity?







.38 Smith & Wesson Revolver?

9mm Class



9x17 Kurz
.380 ACP
.380 Auto
9mm short



9x18
9mm Makarov
9mm Police



9x19
9mm Luger
9mm Parabellum
9mm NATO



9x21
9x21 IMI



9x23
9mm Steyr

Calibers

.38



.38 Short Colt

.38 S&W

.38 Auto Super

.38 Special

.38-.40

18 U.S.C., Chapter 44, 921(a)(3)

The term firearm means, in part:

- Any weapon, including a starter gun, that will or is designed to or may be readily converted to expel a projectile by the action of an explosive
- The frame or receiver of any such weapon

Frame or Receiver



Serial Number on Frame or Receiver





Identifying the Type of Firearm



Rifle



Pistol

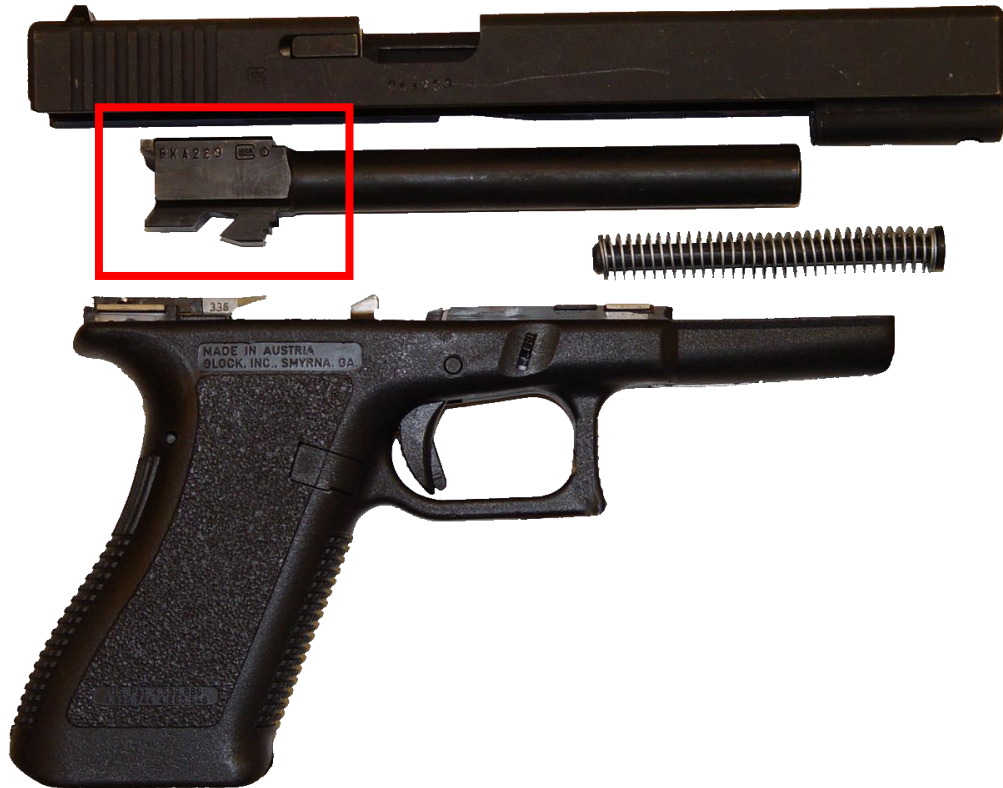


Shotgun



Revolver

Identifying the Type of Firearm



Pistol



Revolver

Identifying the Type of Firearm



Rifle



Shotgun

Required Markings on U.S. Manufactured Firearms



1. NAME of the MANUFACTURER
CITY and STATE
2. MODEL (if assigned)
3. CALIBER or GAUGE

4. SERIAL NUMBER
Must be on the frame or receiver
Manufacturer cannot duplicate a serial number

Manufacturer's Name



City and State





Jennings Firearms.

BY BRYCO ARMS IRVINE. CA. U.S.A.










M-11/NINE mm ED
S.W.D. INCORPORATED
ATLANTA, GA. U.S.A.

Model





M-11/NINEmm 
S.W.D. INCORPORATED
ATLANTA, GA. U.S.A.

Caliber



Serial Number





84-0003854

SAFE

FIRE

1. Determine the type of firearm

PISTOL



2. Name of the manufacturer

INTRATEC

3. Manufacturer's City and State

MIAMI, FLA

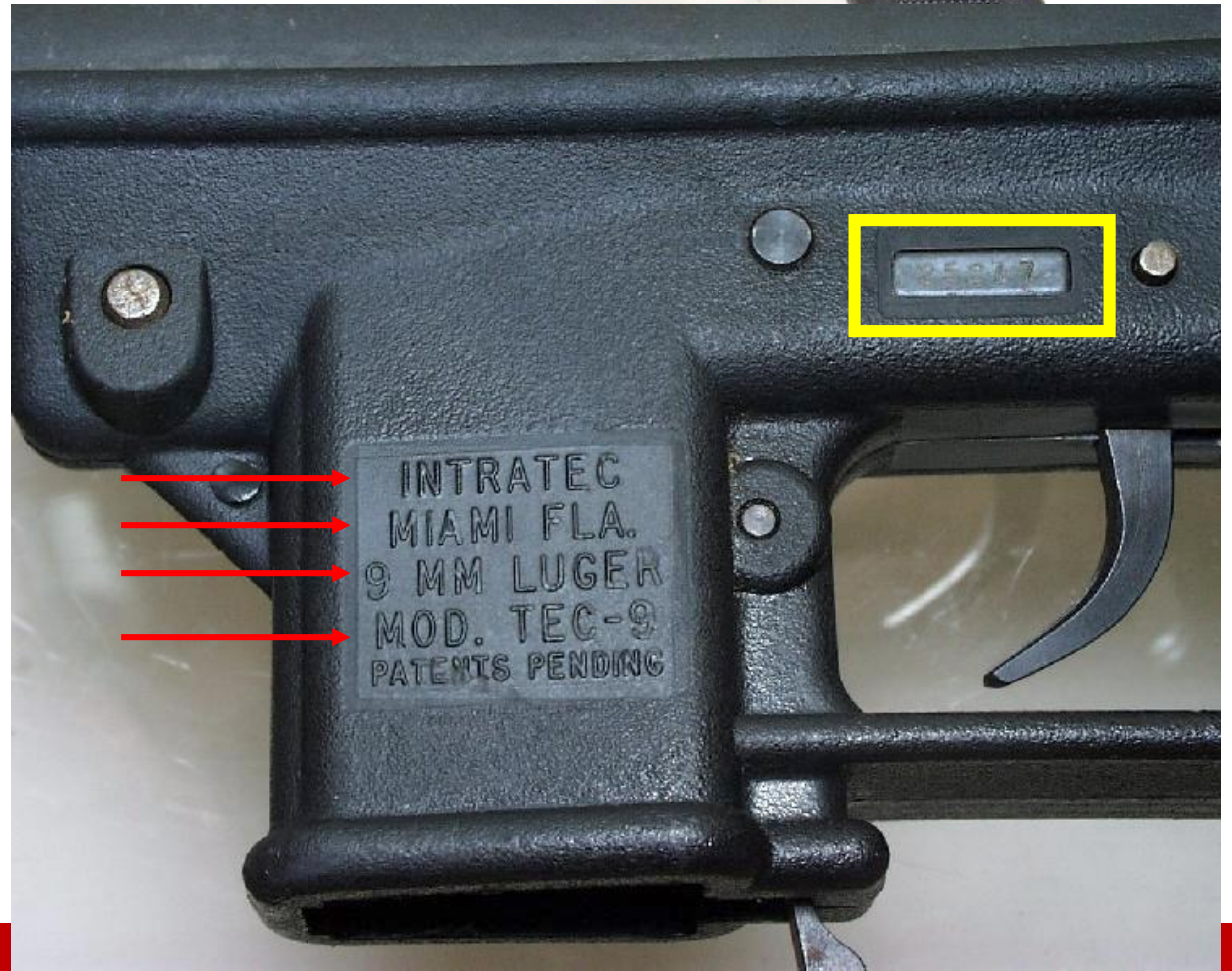
4. Model

TEC-9

5. Caliber

9MM LUGER

6. Serial number



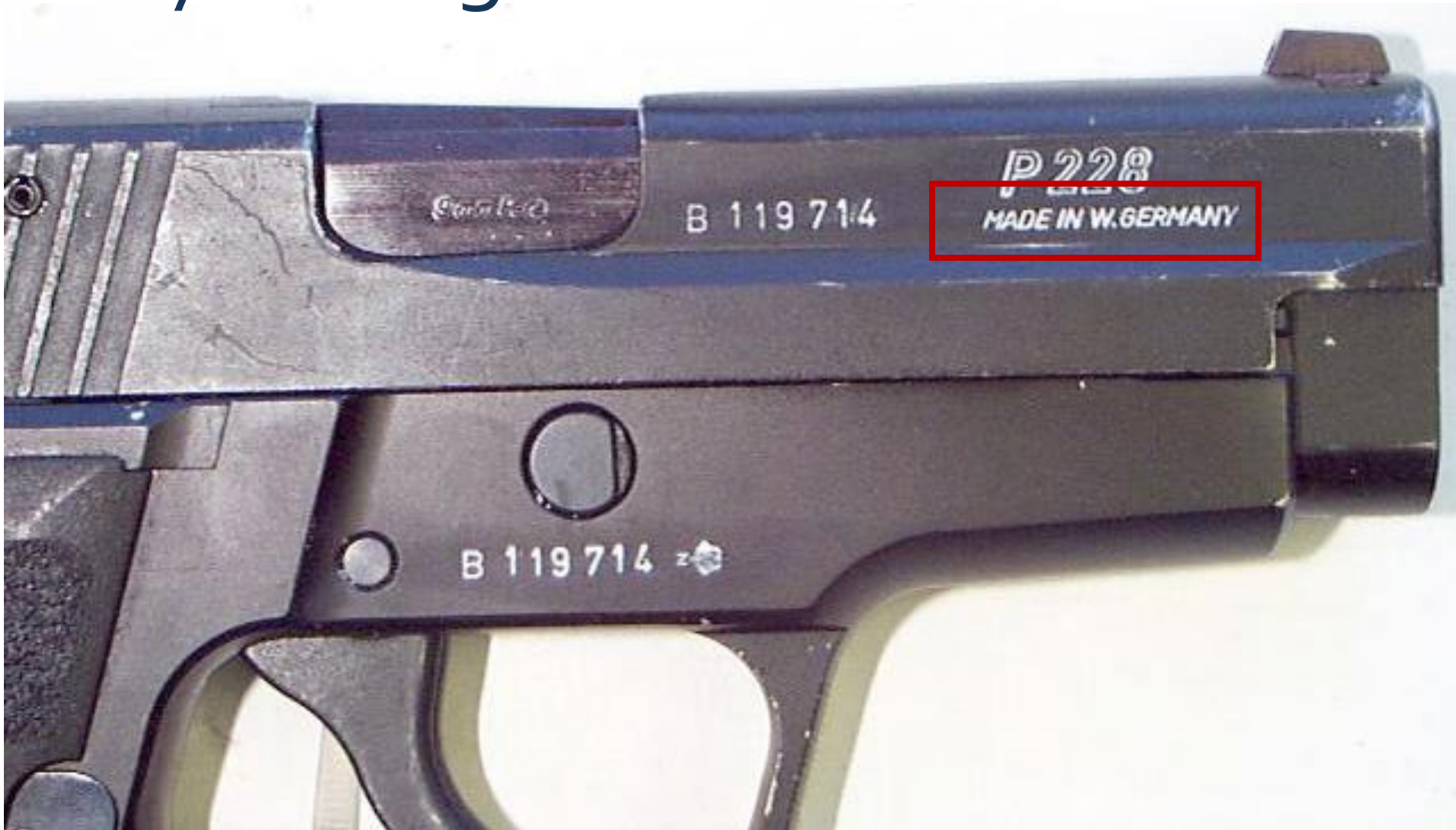
Required Markings on Firearms Imported Into the United States

1. NAME of the MANUFACTURER
2. COUNTRY of ORIGIN
3. IMPORTERS NAME, CITY and STATE
4. MODEL (if assigned)
5. CALIBER or GAUGE

6. SERIAL NUMBER
Must be on the frame or receiver
Manufacturer cannot duplicate a serial number



Country of Origin



Importers Name, City, and State



COMPASSECO
BARDSTOWN, KY
7.62X39 MM
MAK90 SPORTER
MADE IN CHINA
BY NORINCO

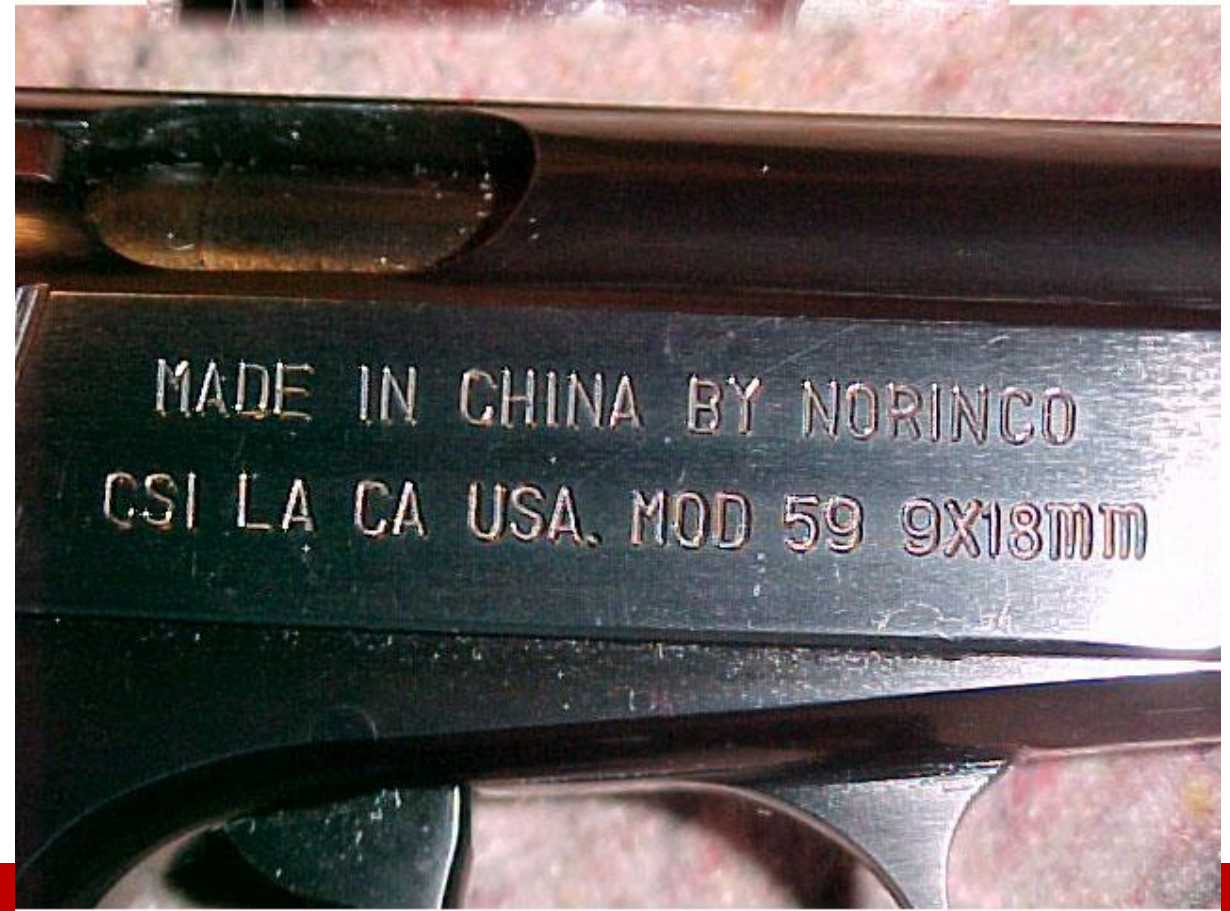
Importer's Markings

<u>Importer's Marking</u>	<u>Company Name, City & State</u>
• CSI ONT CA	China Sports, Ontario, California
• DIG VB VA	Delta Investment Group, Virginia Beach, Virginia
• NA RDFLD NJ	Navy Arms, Ridgefield, New Jersey
• CAI ST ALB VT	Century Arms Inc., St Albans, Vermont



Source ATF Pub. 6320.1

Markings on Imported Guns



Crime Gun Intelligence

Putting Tracing and NIBIN Together

9/28/2003—PD recovered a Glock 9mm pistol

9/30/1995—Victim was shot and killed (NIBIN)

9/29/1995—Glock was purchased (eTrace)



Contact Us



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THANK YOU!