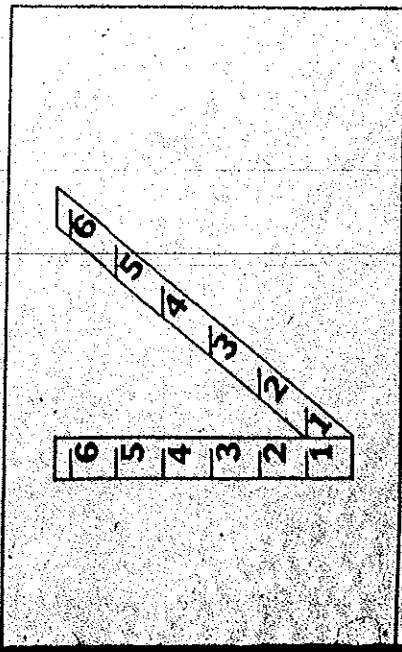
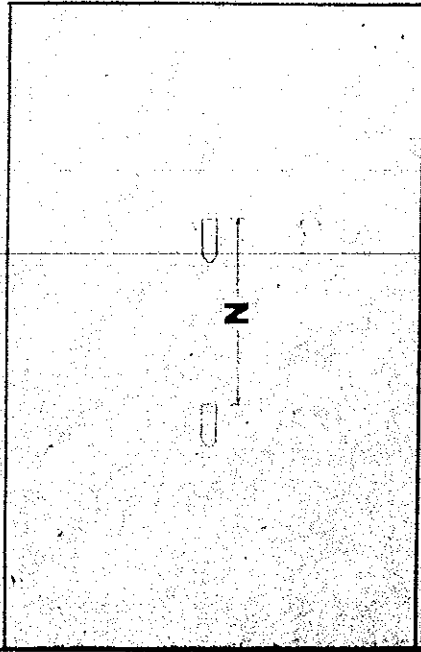
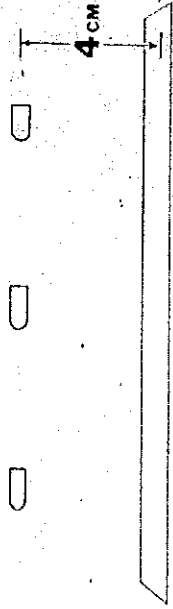


MEASURE DISTANCE BETWEEN  
BULLETS FROM DOUBLE EXPOSURE



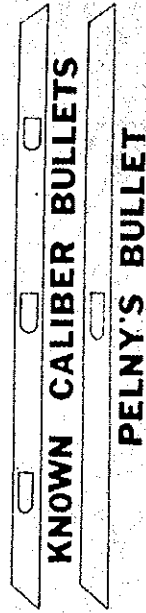
CARRY OVER TO X-RAYED  
SCALE

PLACE KNOWN CALIBER  
BULLETS AT HEIGHT INDI-  
CATED BY PREVIOUS STEP



PREVIOUS STEP INDICATES  
HEIGHT OF PELNY'S BULLET  
4 CM

STANDARD BULLETS TAKEN  
AT SAME HEIGHT AS FIRST  
X-RAY



COMPARISON OF STANDARD  
BULLETS WITH PELNY'S  
BULLET

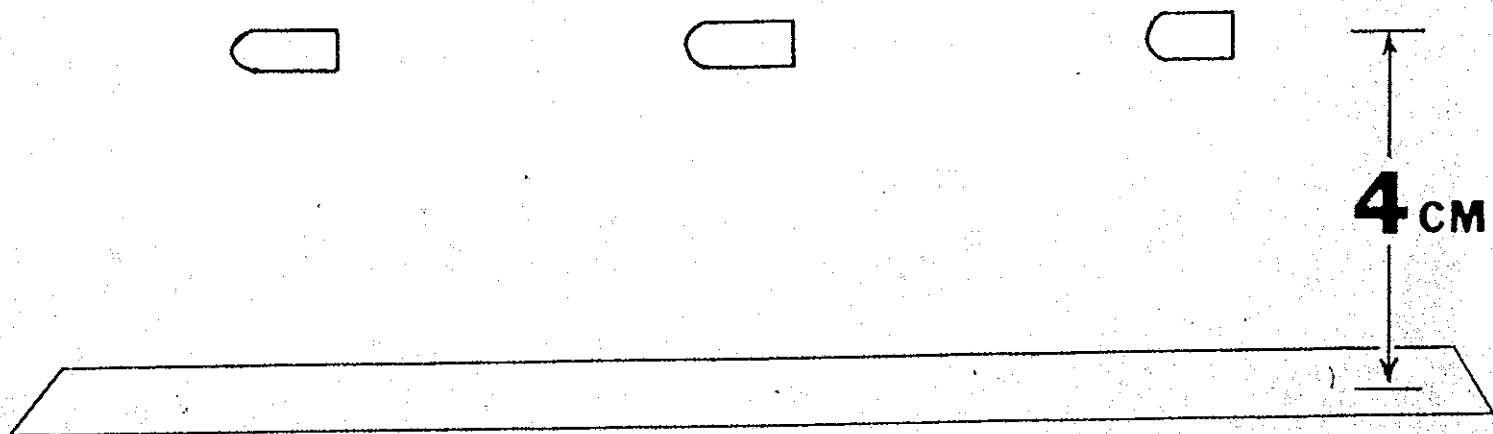
R. KENNINGTON  
FBI LABORATORY

# MEASURE DISTANCE BETWEEN BULLETS FROM DOUBLE EXPOSURE

(



**PLACE KNOWN CALIBER  
BULLETS AT HEIGHT INDI-  
CATED BY PREVIOUS STEP**



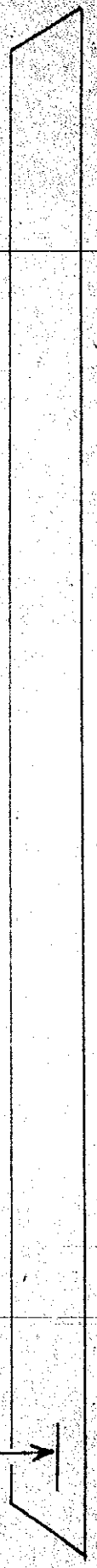
**STANDARD BULLETS TAKEN  
AT SAME HEIGHT AS FIRST  
X-RAY**

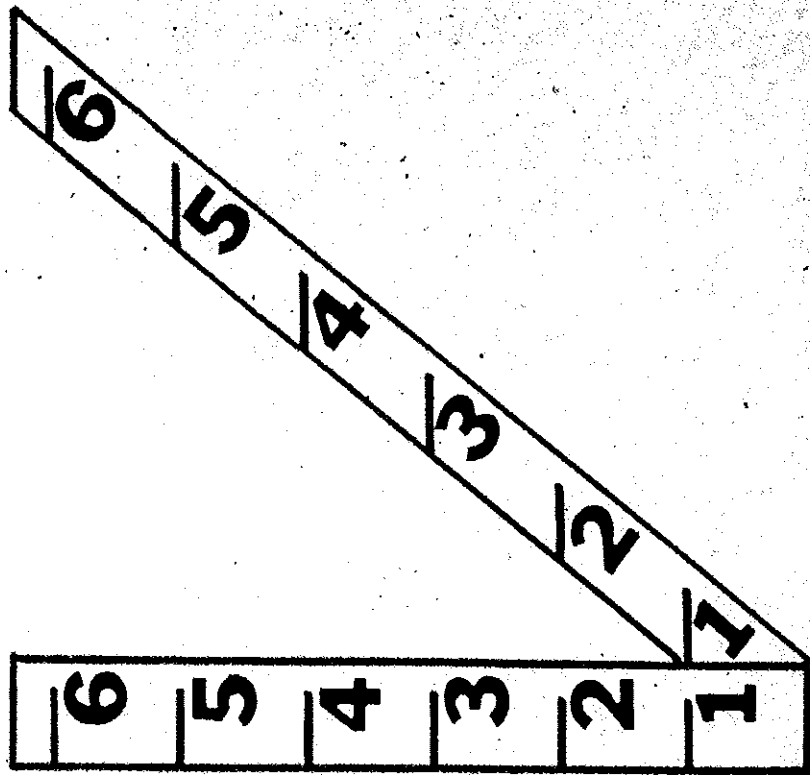
# PREVIOUS STEP INDICATES HEIGHT OF PELNY'S BULLET:

**4**cm



**4**cm



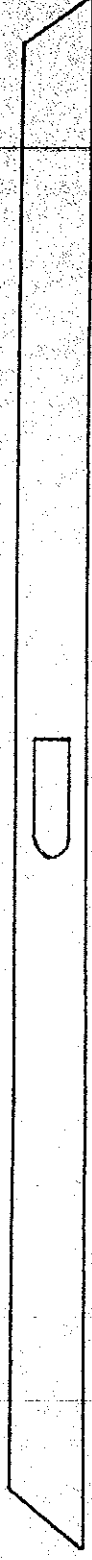


**CARRY OVER TO X-RAYED  
SCALE**

**STANDARD BULLETS TAKEN  
AT SAME HEIGHT AS FIRST  
X-RAY**



**KNOWN CALIBER BULLETS**



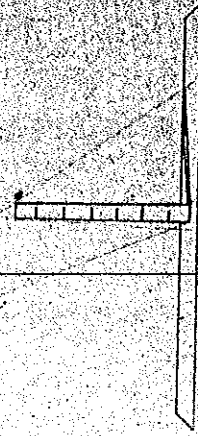
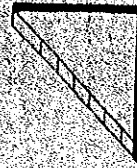
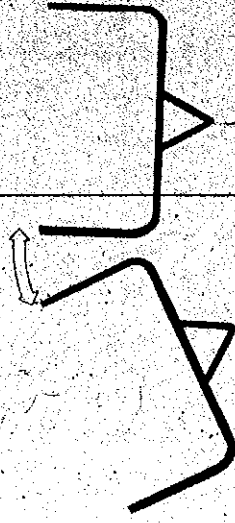
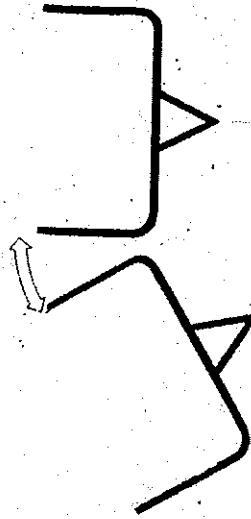
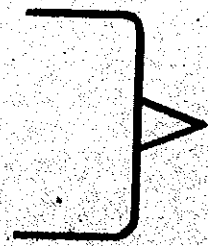
**PELNY'S BULLET**

**COMPARISON OF STANDARD  
BULLETS WITH PELNY'S  
BULLET**

X-RAYS ENLARGE ANY OB-  
JECT NOT AT THE FILM PLANE

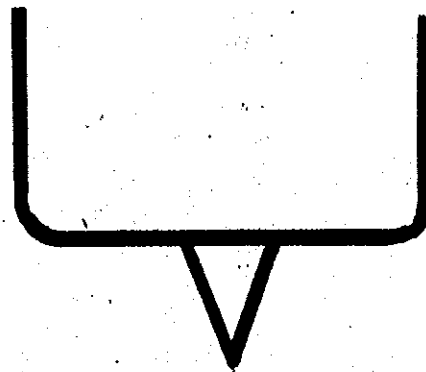
MOVE X-RAY HEAD TO DOUBLE-  
EXPOSE X-RAY FILM WITH PELNY'S  
BULLETS SHADOW

DO THE SAME WITH A RULER  
HELD AT 45°



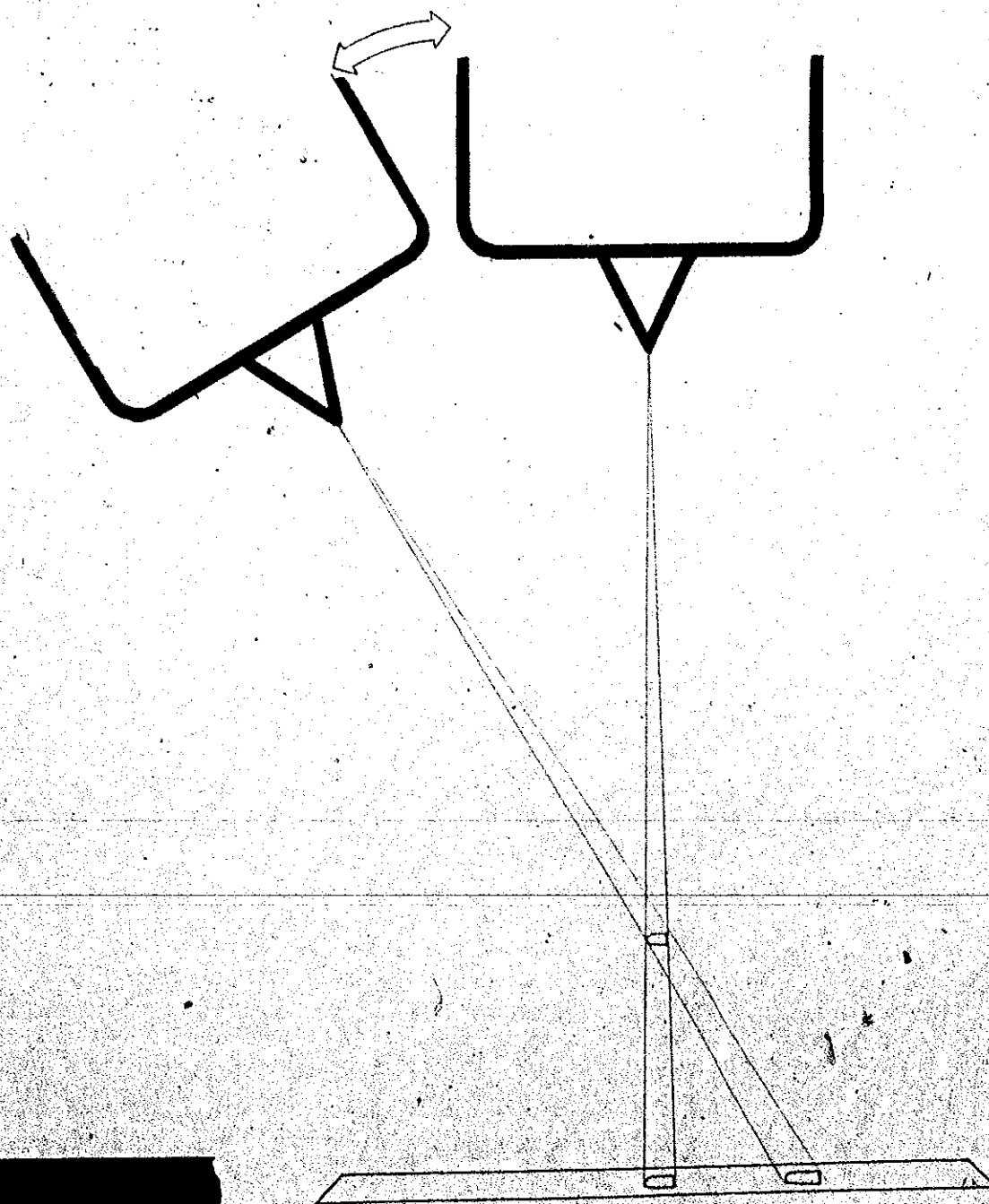
FILM PLANE

# X-RAYS ENLARGE ANY OBJECT NOT AT THE FILM PLANE

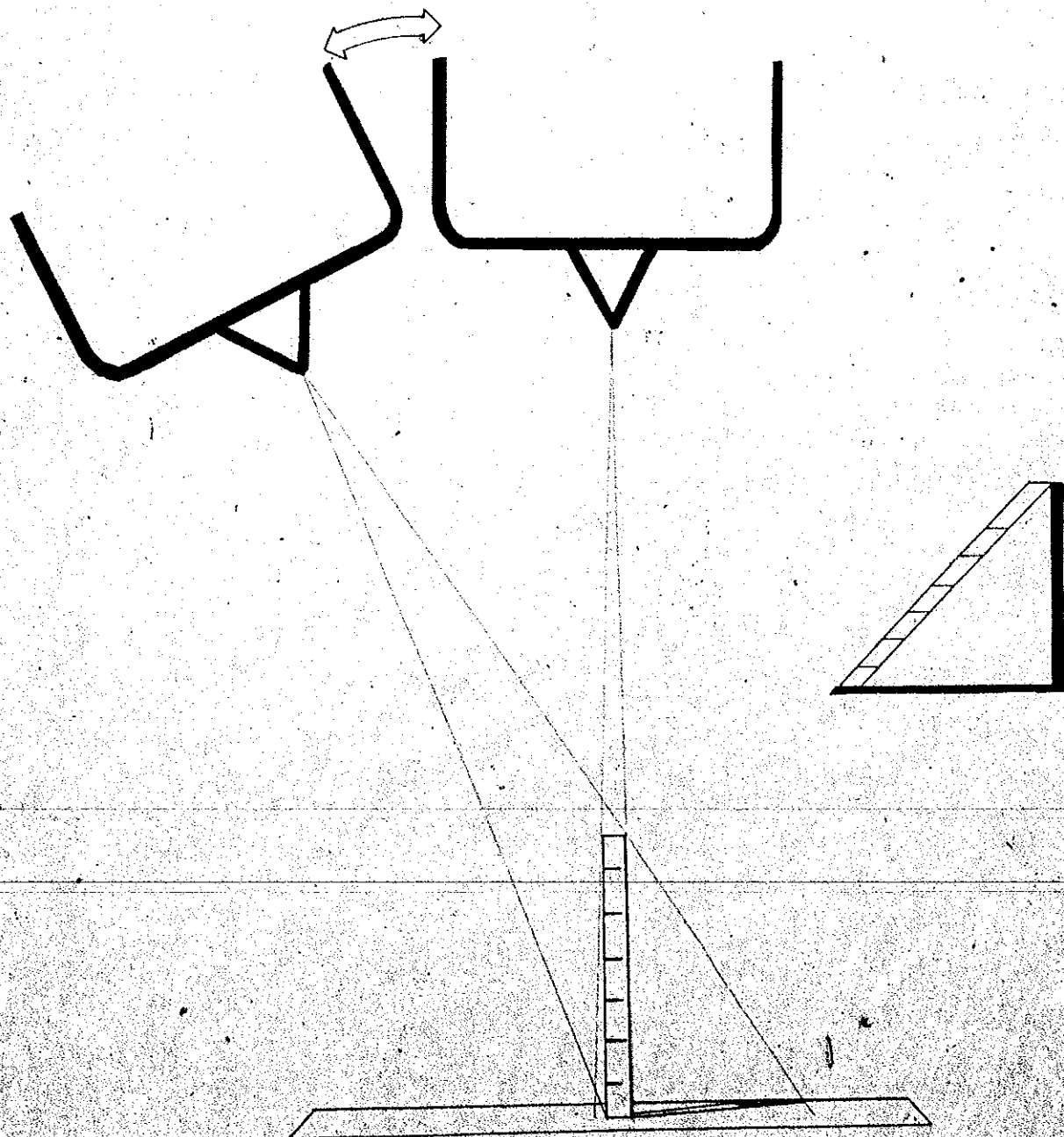




**MOVE X-RAY HEAD TO DOUBLE-  
EXPOSE X-RAY FILM WITH PELNY'S  
BULLETS SHADOW**



**DO THE SAME WITH A RULER  
HELD AT 45°**



**OBJECT: DETERMINE CALIBER OF BULLET  
IN PELNY'S BACK**

**METHOD: COMPARISON OF TWO X-RAYS**

**1- X-RAY OF KNOWN SAMPLE BULLETS**

**44 SPL**

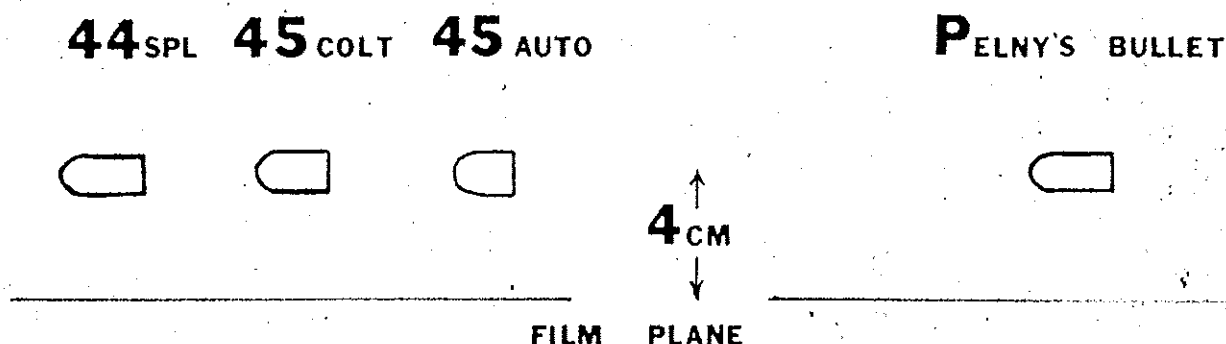
**45 ACP**

**45 COLT**

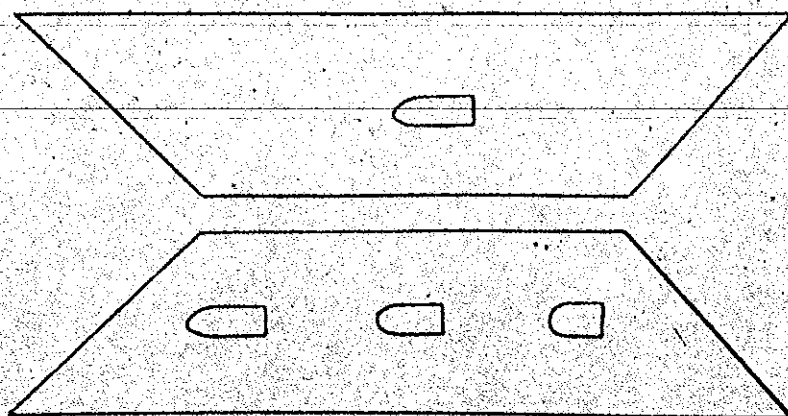
**2- X-RAY OF PELNY'S BULLET**

**X-RAY TECHNIQUE:**

**X-RAYS OF BULLETS TAKEN AT SAME  
HEIGHT FROM FILM PLANE**



**COMPARISON: OVERLAY THE TWO  
X-RAYS AND MATCH BULLETS BY SIZE**



**OBJECT: DETERMINE CALIBER OF BULLET  
IN PELNY'S BACK**

**METHOD: COMPARISON OF TWO X-RAYS**

**1- X-RAY OF KNOWN SAMPLE BULLETS  
44 SPL 45 ACP 45 COLT**

**2- X-RAY OF PELNY'S BULLET  
X-RAY TECHNIQUE:**

**X-RAYS OF BULLETS TAKEN AT SAME  
HEIGHT FROM FILM PLANE**

**44 SPL 45 COLT 45 AUTO**

**P PELNY'S BULLET**



**4 CM**  
↑ ↓



FILM PLANE

# **COMPARISON: OVERLAY THE TWO X-RAYS AND MATCH BULLETS BY SIZE**

