

# Sheriff's Department

## HEADQUARTERS

P.O. Box 6427 - 4434 Calle Real  
Santa Barbara, California 93111  
Phone (805) 967-5561

SANTA BARBARA COUNTY

September 18, 1973

JOHN W. CARPENTER  
Sheriff-Coroner

LARRY R. MARSH  
Undersheriff

International Association  
of Chiefs of Police  
11 Firstfield Rd.  
Gaithersburg, Maryland 20760

Attention: Mr. Zunno

Gentlemen:

In your January, 1973, magazine you had an article entitled, "Caution Notice on Spray Lubricants." This article told about a Seattle police officer who was assaulted and his weapon subsequently malfunctioned. The officer's department lab found the primers inerted by the use of spray oil.

Upon reading this article, the Santa Barbara County Sheriff's Department tested the duty ammunition presently in service, and the proposed duty ammunition to be issued September, 1973.

In these tests, we found a spray lubricant that is an excellent demoisurant, with excellent characteristics as a penetrant. We further found one of the brands of ammunition to have an excellent primer seal.

Due to the seriousness of the effects to ammunition that are caused by misuse of spray lubricants, I have enclosed a copy of our tests and a copy of the article mentioned above, which we issued to our officers.

This department is presently issuing the Smith & Wesson Model 39 9mm Semi-automatic Pistol.

If you have any further questions, please feel free to call me.

Sincerely yours,

JOHN W. CARPENTER  
SHERIFF

*Charles W. Seal, Jr.*

by Charles W. Seal, Jr., Deputy  
Sheriff's Armorer

CHS:bw

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