

TO: DEPARTMENT OF PUBLIC SAFETY
TEXAS

FOR ATTN: MR JOEY GORDON

FROM: MR PETER McAULEY

DATE: 17 AUGUST 1999

SUBJECT: NICO 40mm X 46 CARTRIDGE

NICO
PYROTECHNIK
MANNES-JURGEN DREIERICHS GMBH & CO. KG
U.S. OFFICE

Dear Mr Gordon,

1. Further to your requests for information on the identity of a 40mm projectile, I have relayed the photographs you sent by e-Mail to NICO's Technical Department in Germany. Our Technical Department has provided the following information:

- 1.1 The projectile appears to be from a NICO 40mm x 46 Sound & Flash (S & F) Cartridge of the prototype design which was manufactured in approximately 1990. Approximately 1,000 of these were produced. This design was subsequently modified for volume production.
- 1.2 The markings on the base of the projectile "40 AG DM 118A1" indicate that the projectile was modified, by NICO, from a NICO Training cartridge which was in volume production for the German Army at that time.
- 1.2 The cartridge was designed and developed by NICO in response to a requirement identified by several Law Enforcement agencies around the world. It was designed and developed to NICO's "Technical Specifications and Acceptance Regulations", not to a MILSPEC as it was developed for Law Enforcement customers not for the Military.
- 1.3 Specific contents of the projectiles NICO manufactured are:
 - 1.2.1 Propellant: Approx. 0.4 grams of NC
 - 1.2.2 Delay Composition: Approx. 0.5 grams
 - 1.2.3 Report Composition: Approx. 4.0 grams
(Report Composition consists of Aluminum Powder & Potassium Perchlorate).

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PAGE 1 OF 2 PAGES

08/17/99 TUE 11:08 [TX/RX NO 6015] 001