

TECHNICAL MANUAL

**OPERATOR'S ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE
MANUAL INCLUDING REPAIR PARTS LIST
FOR**

**SPRAY GUN, PAINT MODEL NO. 76
(ECLIPSE SYSTEMS, INC.)
(NSN 4940-00-261-8413)**

TECHNICAL MANUAL }
No. 9-4940-500-14&P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 5 February 1980

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REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 located in the back of the manual and mail the form to Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this spray gun is issued.

Manufactured by: Eclipse Systems, Inc.

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P.O. Box E.

Franklin, NJ 07416

Procured under Contract No. DAAA09-78-C-4009

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

SPRAY GUN MODEL 76

DESCRIPTION

The Model 76 is a heavy-duty production spray gun which will spray a complete range of materials, such as lacquers to heavy synthetics, with ease, using either a siphon cup or pressure feed.

OPERATION

There are two basic controls on the Model 76 spray gun. The fan control (18) regulates air going to the holes of the air cap. The fluid needle adjustment screw (8) controls needle travel and fluid flow.

Mix and prepare material according to instructions for siphon feed.

1. Attach air hose to gun at air inlet (10)
2. Attach cup or pressure feed to gun at material inlet
3. Adjust air pressure to desired amount at the Air Regulator
4. Adjust fluid volume by turning the fluid control screw (8) to the left or right.
5. Adjust to proper pattern by turning the fan control screw (23) to left or right.

The most efficient atomization air pressure is the lowest possible air pressure that will give the desired results.

A spraying distance of 6 to 12 inches from gun to work surface is recommended. The gun should be held perpendicular to the surface being coated. The stroke should be started before the trigger is pulled and the trigger released before the end of each stroke.

