

AFCESA A-GRAM



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

01-27

NOVEMBER 2001

AIR FORCE QUALIFICATION TRAINING PACKAGE (AFQTP) VIDEO

ALL-PURPOSE REMOTE TRANSPORT SYSTEM (ARTS)

SYNOPSIS:

We recently completed a new qualification training package CD-ROM – *All-Purpose Remote Transport System (ARTS)*. This production supports the Air Force Qualification Training Program for home station training. It presents standardized, step-by-step, procedural guidance on how to perform a specific task identified in the Specialty Training Standard portion of the Explosive Ordnance Disposal (EOD) Career Field Education and Training Plan.

This five-lesson program addresses the set-up, operation, and maintenance procedures for new operators or serves as a refresher course for someone who is not familiar with the ARTS. It is also ideal for organizations that are about to receive this new tool.

Lesson One presents the requirements for the ARTS and identifies all the major components that are shipped to EOD units and their purpose. This lesson also outlines the ARTS developmental process, identifies the various

components (platform, operational control unit, and support equipment), and specifies the required associated technical and commercial technical orders and manuals that are required to support this tool.

Basic specifications and general information on the posi-track carrier are presented in Lesson Two. General specifications on such items as the engine, transmission, and fluid quantities are highlighted. Break-in procedures, fuel types, and climatic specifics are also covered in this lesson.

Lesson Three discusses set-up, operation, and shutdown procedures of the ARTS. The Pre-Operational Phase Section covers all the pre-op checks and the remote control set-up. Start-up procedures, operational checks, and operational procedures (to include all pertinent safety items) are identified in the Operational Phase Section. Shutdown procedures, post-operational checks, and towing information are covered in the Post-Operational Phase Section. These three phases cover the bulk of material in this program.

Normal maintenance and service procedures that an EOD technician could be expected to perform are covered in the Maintenance lesson, Lesson Four. This lesson is broken down into six segments that cover the 50-, 100-, and

250-hour requirements, track tension adjustment, wheel removal and replacement, and front track tension axle bearing service.

The final lesson, Lesson Five, covers the step-by-step procedure for installing the forklift assembly and the surface clearance system. This lesson also identifies and provides a brief summary of information on the optional attachments currently available on the commercial market.

ACCESSIBILITY:

Initial distribution to all civil engineer training managers has been made. For information regarding distribution procedures or for obtaining copies of this and other training products, direct your request to HQ AFCESA/CEOF. Point of contact is Mr. Ralph Gruber, DSN 523-6181 or commercial (850) 283-6181, or e-mail address Ralph.Gruber@tyndall.af.mil.

Questions regarding this QTP should be directed to the point of contact listed below.

CONTACT:

MSgt Dennis W. Carson
HQ AFCESA/CEXD
139 Barnes Drive Suite 1
Tyndall AFB FL 32403-5319
DSN: 523-6478 FAX: 283-6383
Comm 850-283-6478
E-mail: Dennis.Carson@tyndall.af.mil



AFCESA/PC, Tyndall AFB, Florida 32403-5319
World Wide Web site at <http://www.afcesa.af.mil>