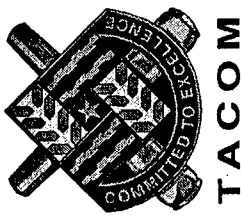


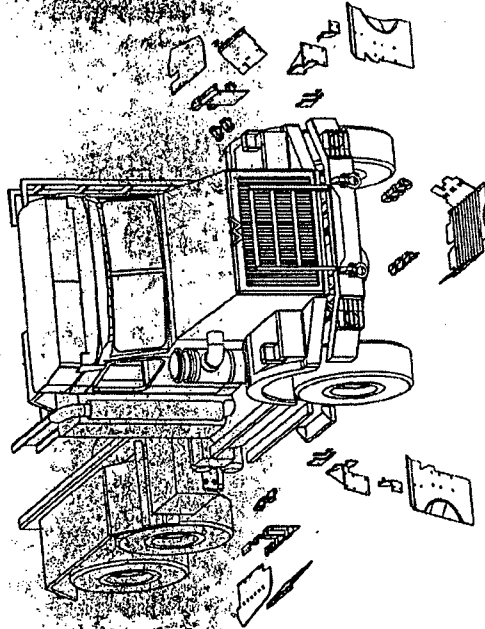
TACOM
*Mobility and Firepower
for America's Army*



DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited



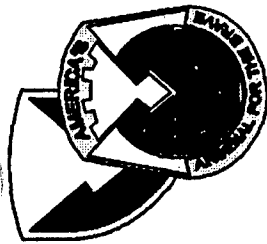
Canadian Engineer Vehicle can self
load and mount PTT



Canadian Engineer Vehicle has an
effective mine protection kit

20060824154

Unclassified

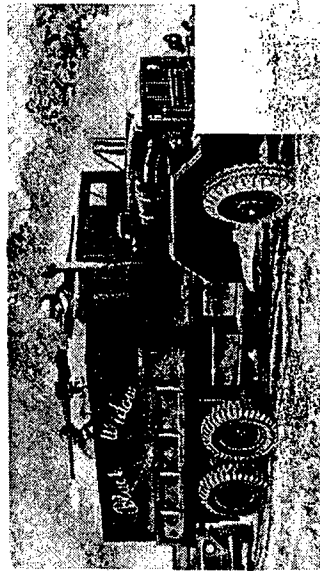


TACOM

**Mobility and Firepower
for America's Army**

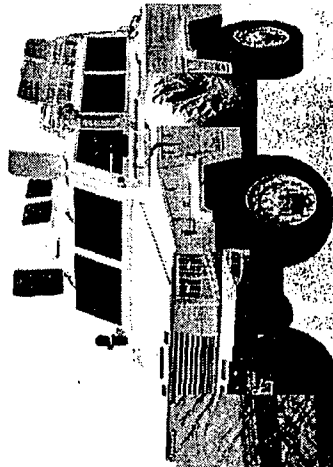


TACOM



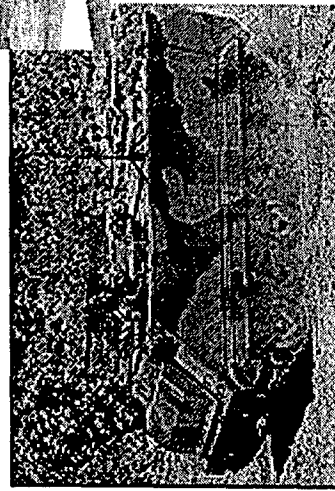
Vietnam Gun Truck

- Dedicated to self defense
- Poor ballistic and mine protection



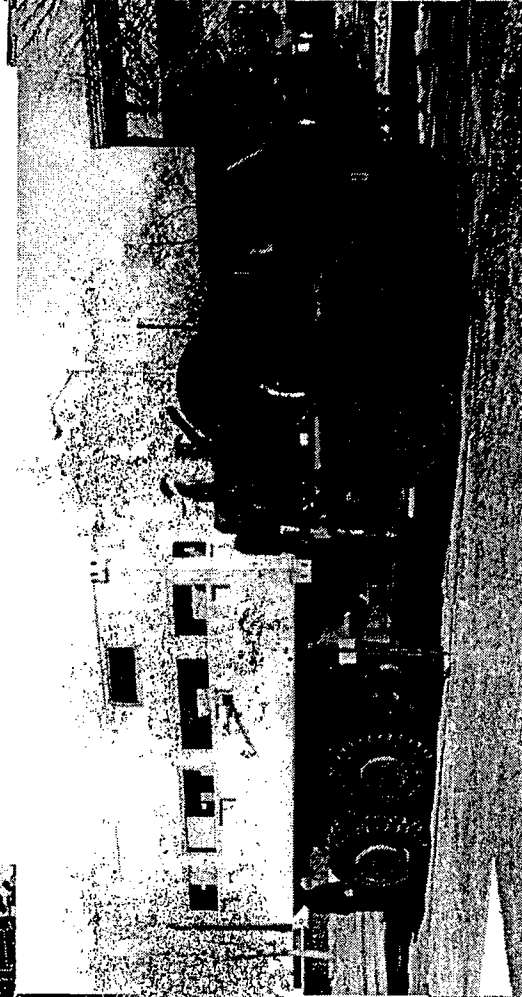
Mine Protected Vehicle

- Poor self defense
- Medium ballistic protection

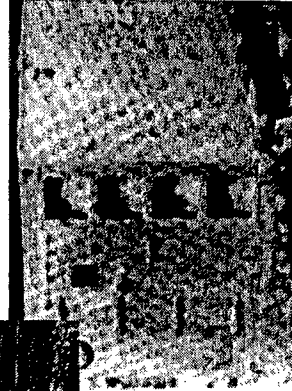


Infantry Carrier

- Poor mine protection
- Poor self defense



PTT serves all functions

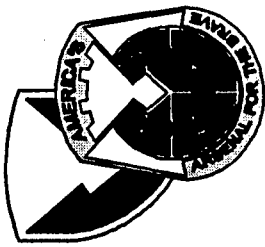


Protected Shelter

- No self defense
- Not mobile

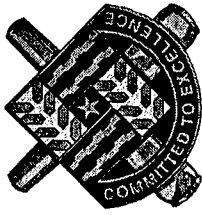
Unclassified

2

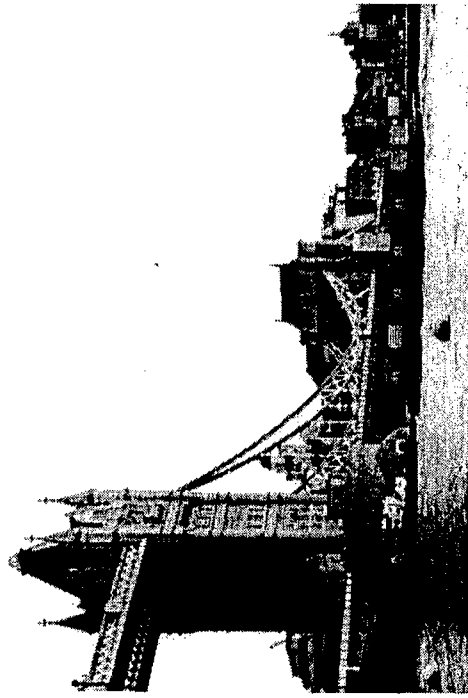
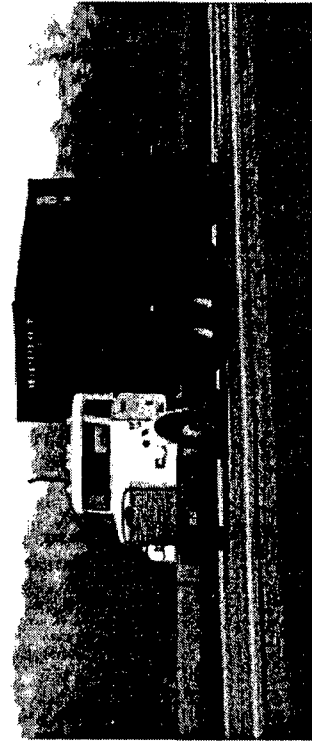
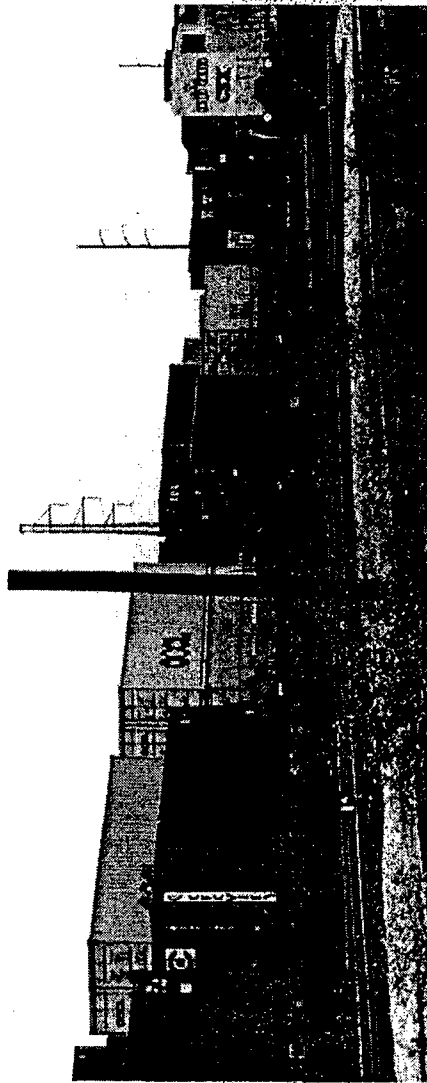


TACOM

*Mobility and Firepower
for America's Army*

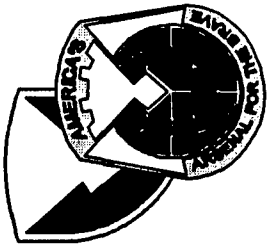


TACOM



3

Unclassified



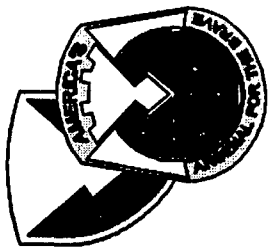
TACOM
*Mobility and Firepower
for America's Army*



Electrical Power APU and A/C Condenser

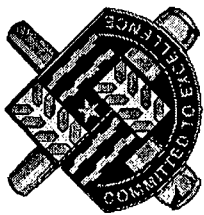
4

Unclassified

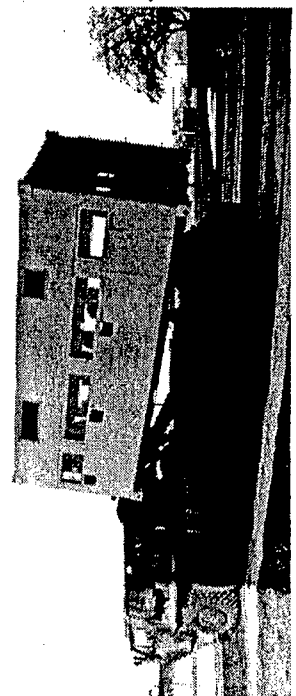
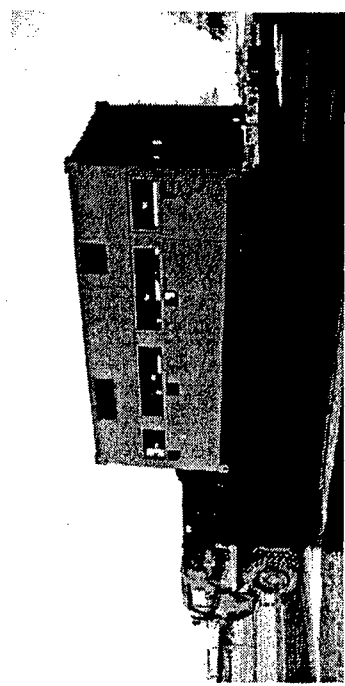
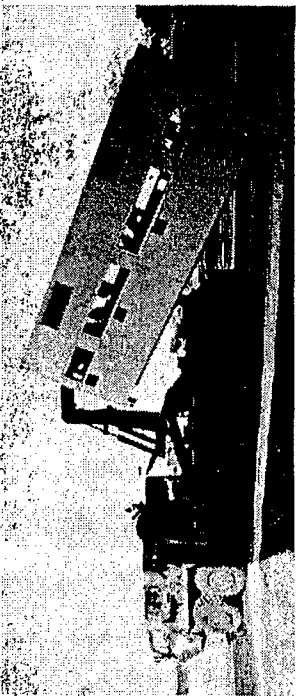
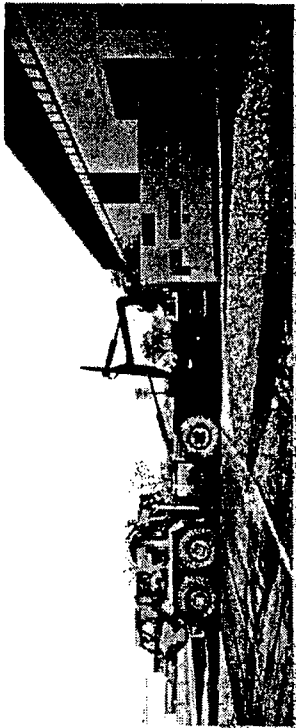
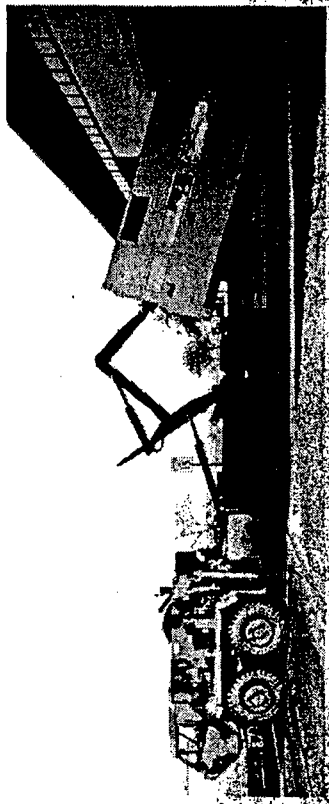


TACOM

*Mobility and Firepower
for America's Army*

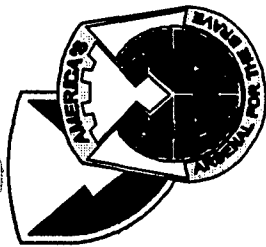


TACOM



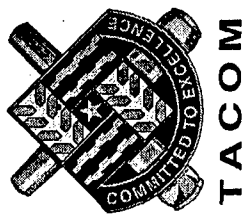
Unclassified

5

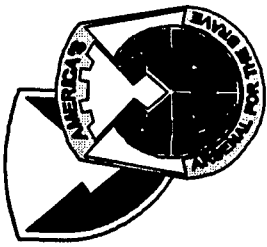


TACOM

*Mobility and Firepower
for America's Army*

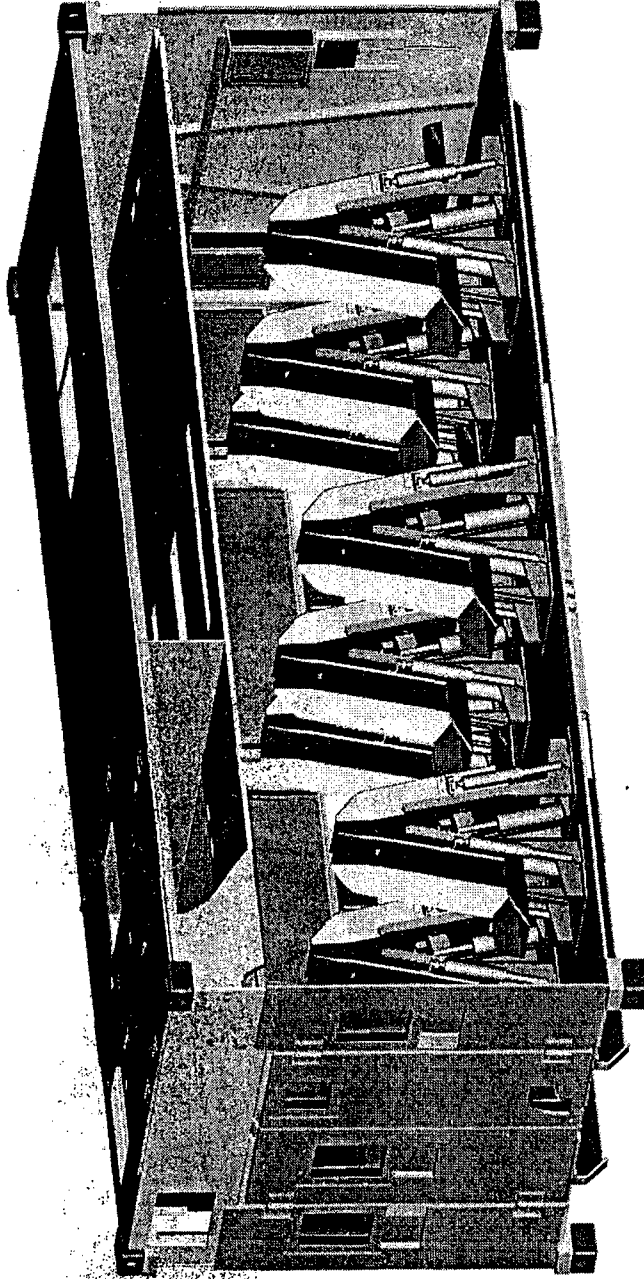
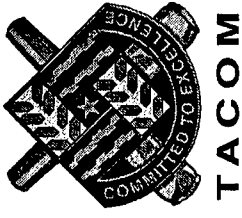


Unclassified



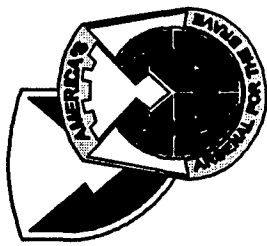
TACOM

*Mobility and Firepower
for America's Army*

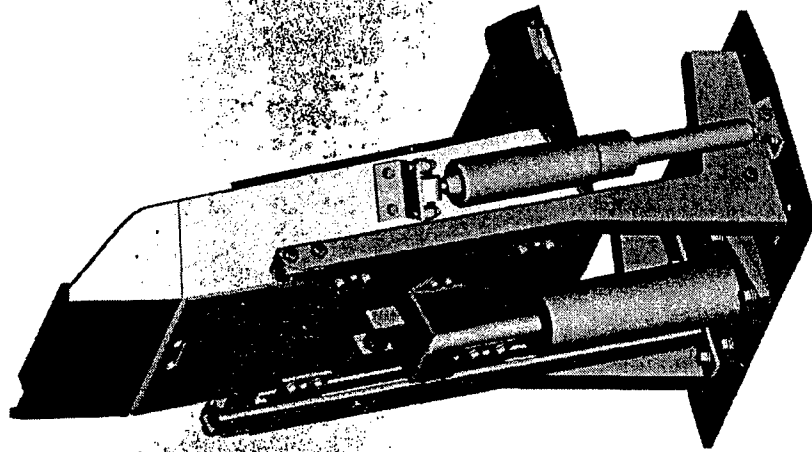


Unclassified

7



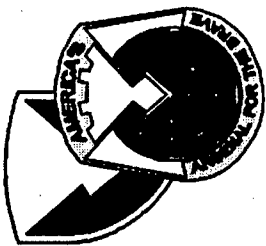
TACOM
*Mobility and Firepower
for America's Army*



CAE representation of hydro-pneumatic seat

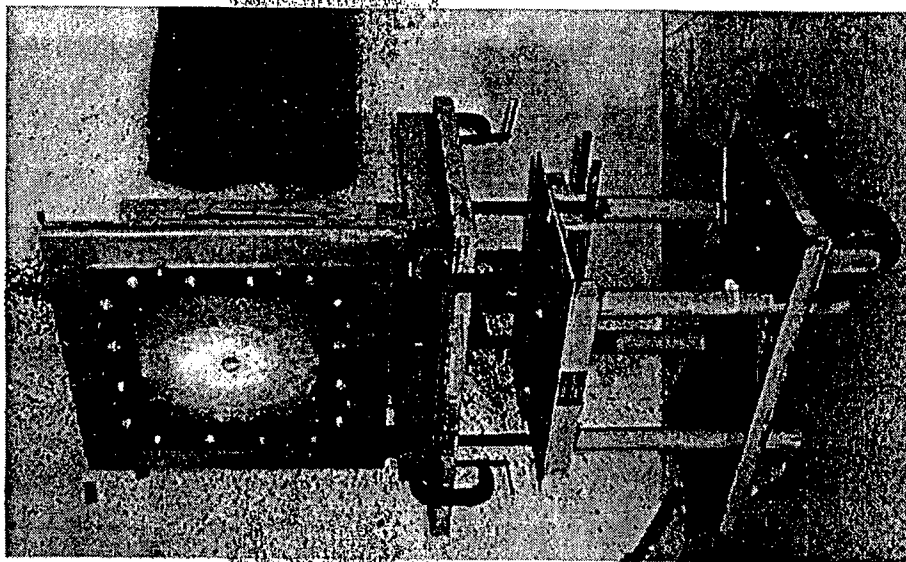
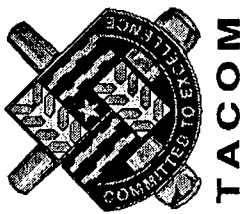
8

Unclassified



TACOM

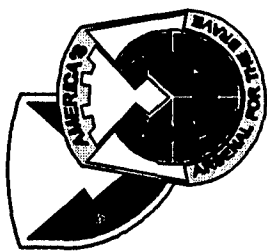
*Mobility and Firepower
for America's Army*



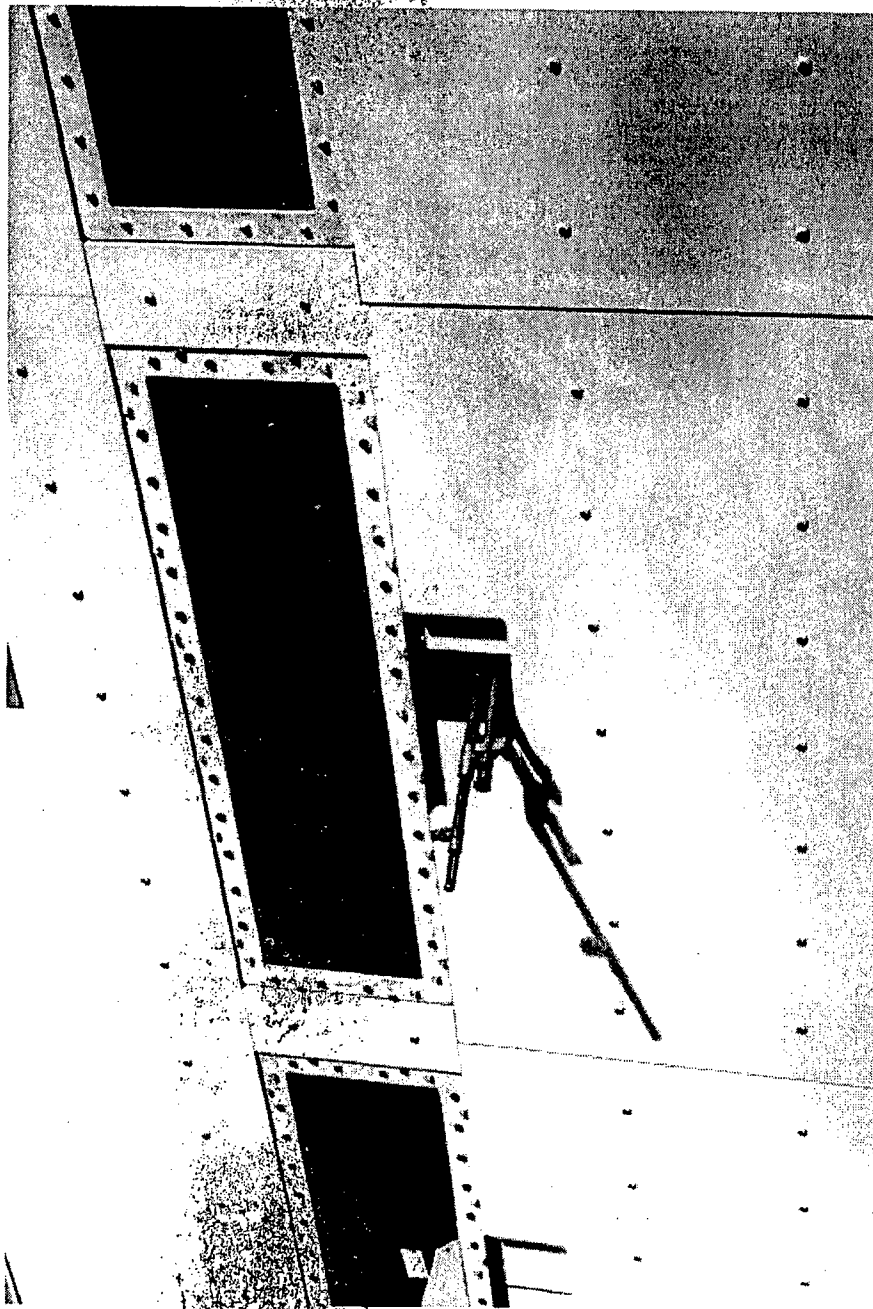
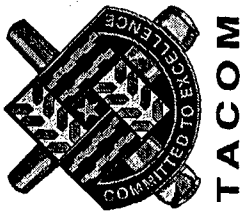
Transparency stopped .50 cal. AP

9

Unclassified

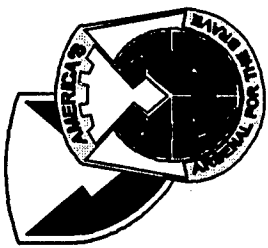


TACOM
*Mobility and Firepower
for America's Army*

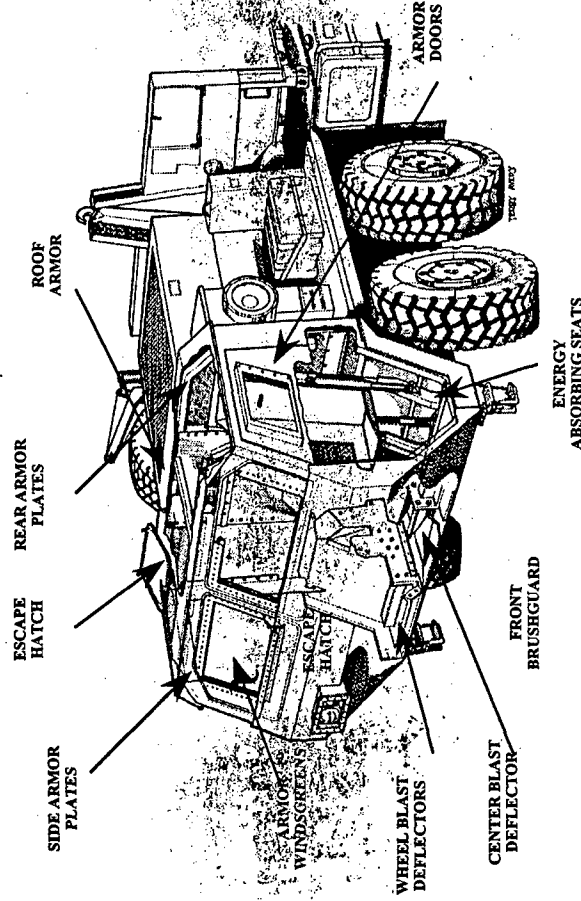
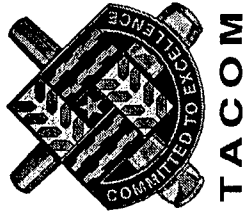


Unclassified

69

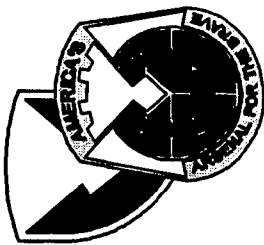


LACOM
*Mobility and Firepower
 for America's Army*



PLS Mine Test at APG

Unclassified

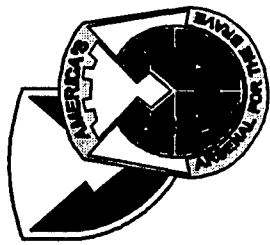


TACOM
*Mobility and Firepower
for America's Army*



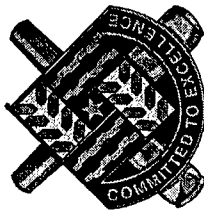
PTT Demonstrator at TARDEC, December 1999

Unclassified

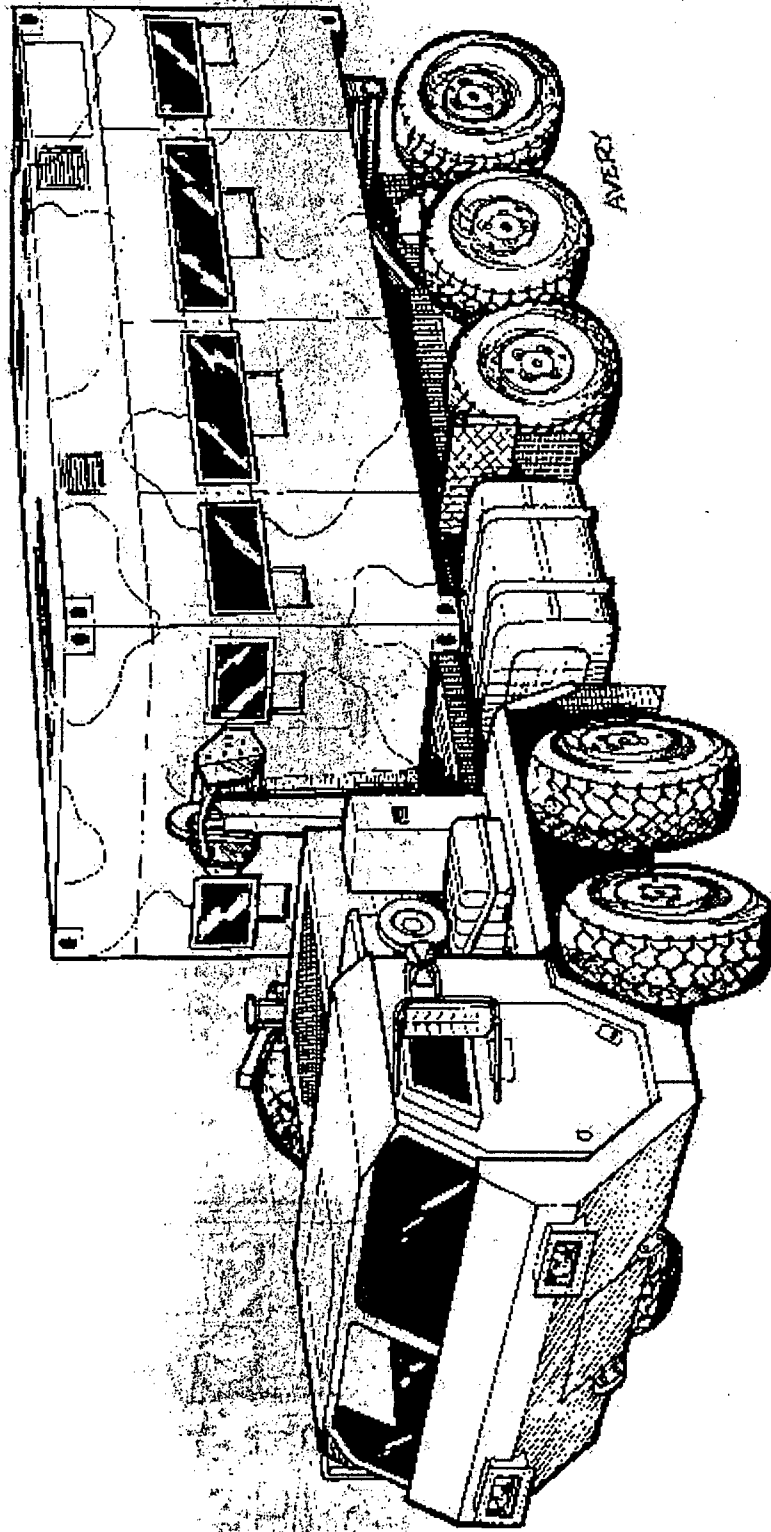


TACOM

*Mobility and Firepower
for America's Army*



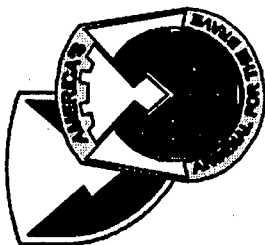
TACOM



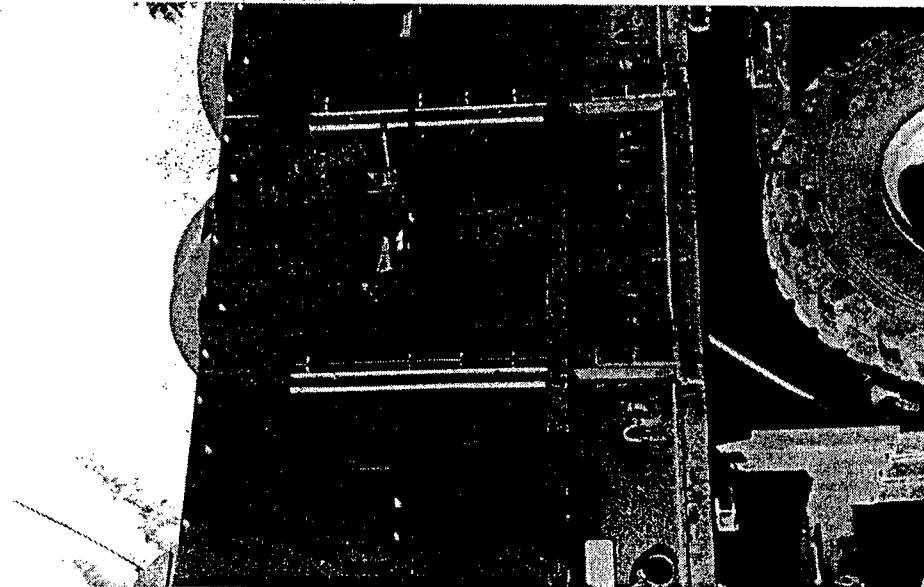
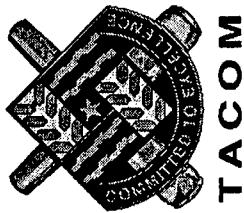
Protected Troop Transporter

13

Unclassified

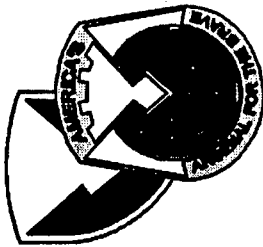


TACOM
*Mobility and Firepower
for America's Army*

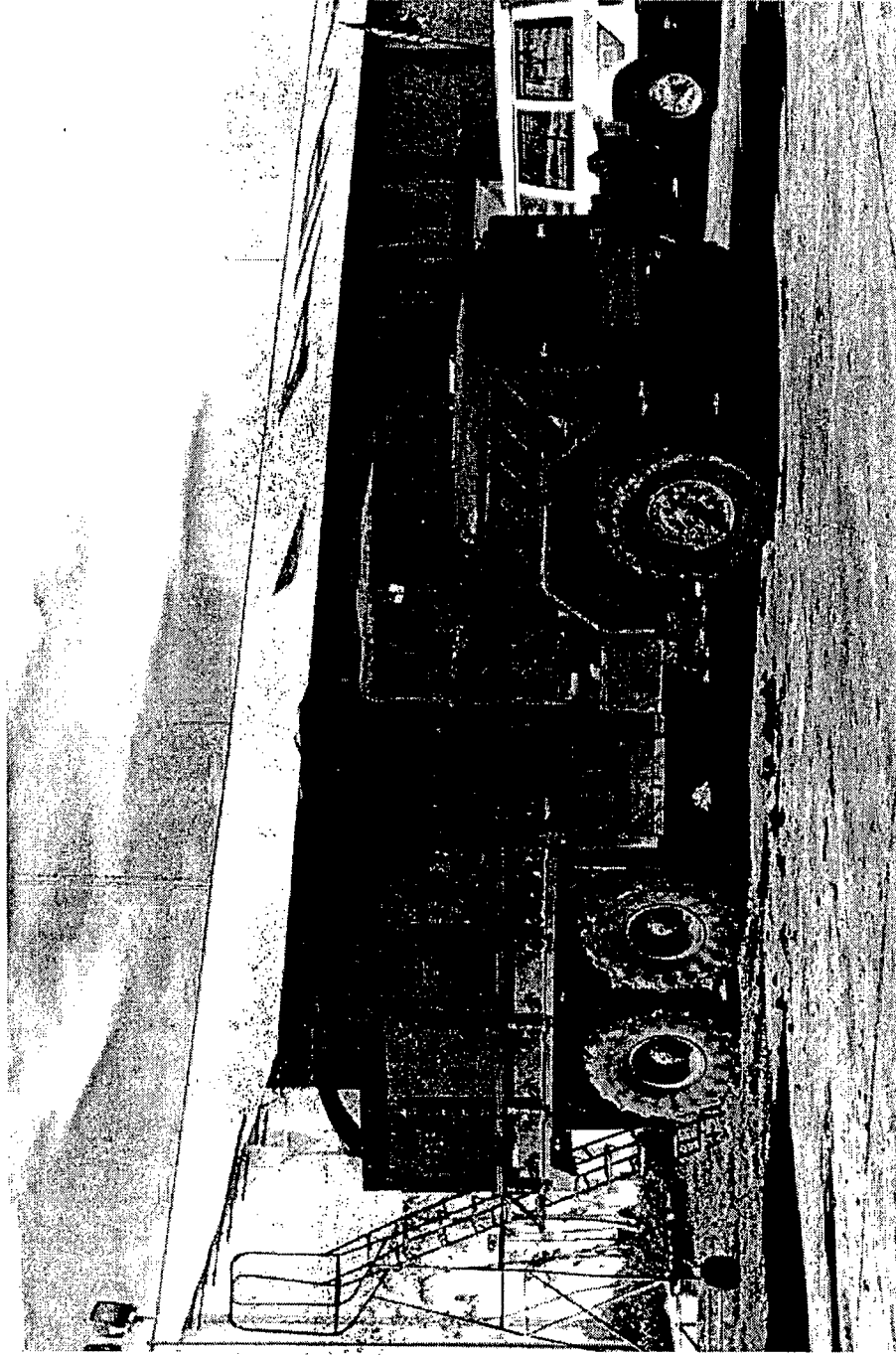
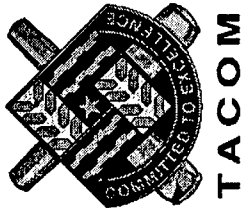


Unclassified

14



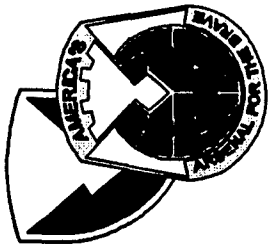
TACOM
*Mobility and Firepower
for America's Army*



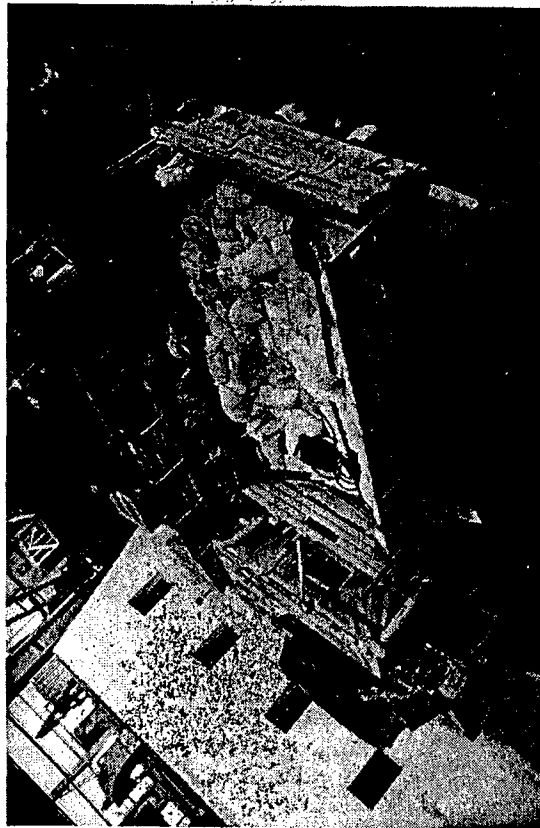
M939 5-Ton Truck with Troop Protection - Haiti

Unclassified

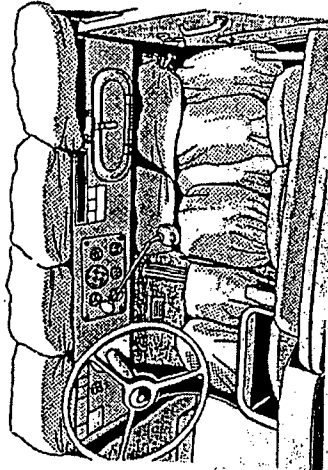
15



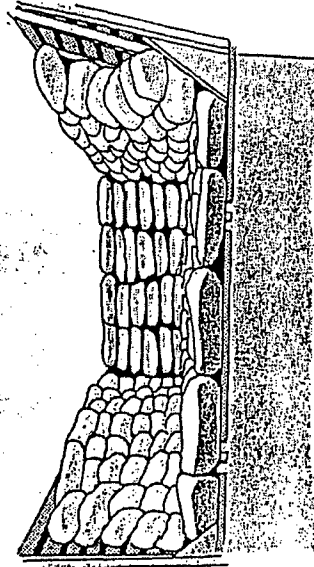
TACOM
*Mobility and Firepower
for America's Army*



Troop movement protection
in Mogadishu



Proper placement of sandbags in the cab.

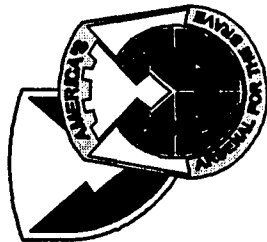


Sandbagged 5-ton M923 Cargo Truck.

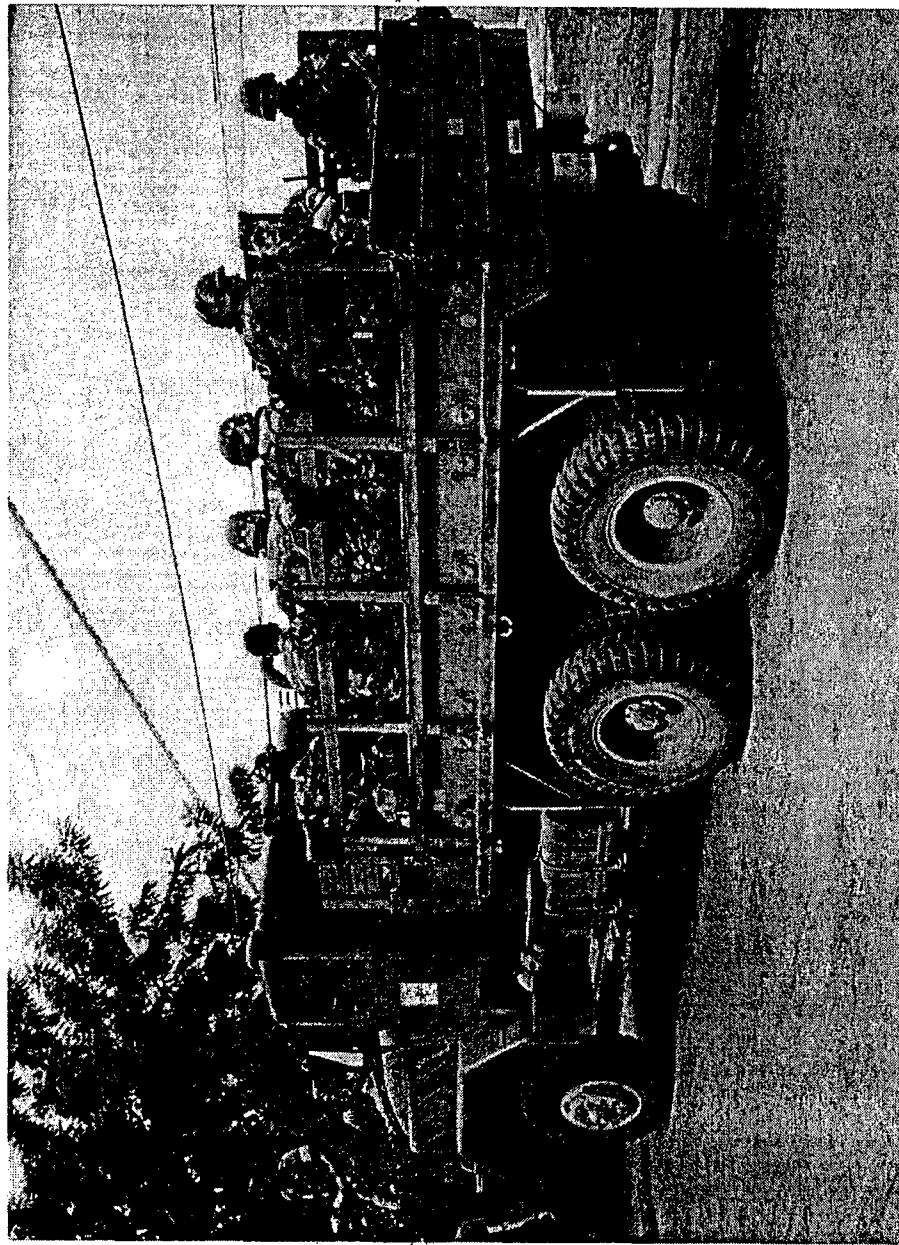
Protection measures
specified by doctrine

From Vehicle Hardening And Convoy Operations
by US Army Transportation School, Ft. Eustis, VA

Unclassified

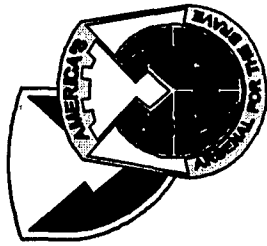


TACOM
*Mobility and Firepower
for America's Army*



Unprotected troops being moved in Operation Uphold Democracy, Haiti

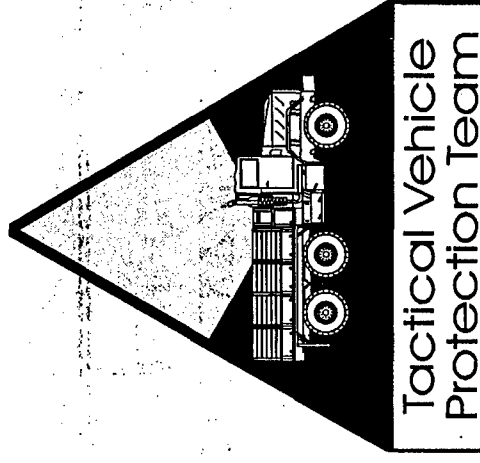
Unclassified



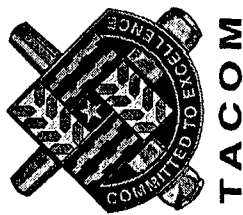
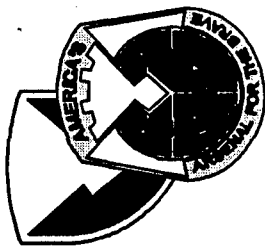
ZACOM
*Mobility and Firepower
for America's Army*



OPERATION DESERT STORM
(PERSIAN GULF)
OPERATION RESTORE HOPE
(SOMALIA)
OPERATION PROVIDE PROMISE
(FORMER YUGOSLAVIA)
OPERATION ABLE SENTRY
(MACEDONIA)
OPERATION UPHOLD DEMOCRACY
(HAITI)
OPERATION JOINT ENDEAVOR
(IMPLEMENTATION FORCE)



Unclassified



PROVIDING PROTECTION FOR IN-TRANSIT TROOPS

RENÉ GONZALEZ
TEAM LEADER, TACTICAL VEHICLE PROTECTION TEAM
SURVIVABILITY TECHNOLOGY AREA

US ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND
ATTN: AMSTA-TR-R, MS 263
WARREN, MI 48397-5000
VOICE: (810)574-6994 FAX: (810)574-6145
E-MAIL: gonzaler@tacom.army.mil

Unclassified

15

16268

OPSEC REVIEW CERTIFICATION

(AR 530-1, Operations Security)

I am aware that there is foreign intelligence interest in open source publications. I have sufficient technical expertise in the subject matter of this paper to make a determination that the net benefit of this public release outweighs any potential damage.

Reviewer: JAMES L Thompson GM-15 Associate Dir, STA

Name

Grade

Title

James L. Thompson17 Mar 00

Signature

Date

Description of Information Reviewed:

Title: Providing Protection for In-Transit Troops

Author/Originator(s): René Gonzalez

Publication/Presentation/Release Date: 29 MAR 00

Purpose of Release: 2000 Ground Vehicle Survivability Symposium

An abstract, summary, or copy of the information reviewed is available for review.

Reviewer's Determination (check one)

☒ 1. Unclassified Unlimited.

2. Unclassified Limited, Dissemination Restrictions IAW _____

3. Classified. Cannot be released, and requires classification and control at the level of _____

Security Office (AMSTA-CM-XS):

Concur/Nonconcur Concur

Signature

Date

Public Affairs Office (AMSTA-GM-PI):

Concur/Nonconcur Concur

Signature

Date