



OPERATIONAL TEST  
AND EVALUATION

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INFO MEMO

MAY 04 2015

FOR: SECRETARY OF DEFENSE

FROM: J. Michael Gilmore, Director, Operational Test and Evaluation

SUBJECT: (U) Nett Warrior Initial Operational Test and Evaluation (IOT&E) Report

- (U) I have attached at TAB A my Report on the results of the Nett Warrior IOT&E the Army Test and Evaluation Command (ATEC) conducted at Fort Bliss, Texas, in May 2014, and at Fort Polk, Louisiana, in November 2014. It is a Soldier-worn mission command system, comprised of a smartphone End User Display (EUD) and a rifleman radio. The system uses the Manpack radio to connect platoons to their higher headquarters. The classified annex to this report is attached at TAB B. This report satisfies the provisions of Section 2399 of Title 10 United States Code for a DOT&E Operational Test and Evaluation report prior to the Full-Rate Production decision.
- (U) Operational Effectiveness. Nett Warrior is operationally effective in mounted formations at platoon and troop level. In dismounted infantry units, Nett Warrior is effective at the platoon level. However, Nett Warrior is not effective at the company level due to Manpack radio's periodic inability to digitally connect adjacent units. The Manpack radio had a 44 percent message completion rate of Position Location Information that prevented the Company Commander from having full situational awareness of his company during operations.
- (U) Operational Suitability. The Nett Warrior system is operationally suitable and reliable. Nonetheless, recharging batteries to support Nett Warrior is an increased logistical burden, requiring three to four Soldiers, 12 to 15 hours a day. The infantry unit was not able to charge the batteries required to operate the Nett Warrior system and Manpack radios without augmentation of a 3-kilowatt generator from the battalion headquarters.
- (U) Survivability. The Nett Warrior EUD is survivable against cyber-attacks, but is not survivable in an electronic warfare environment. The AN/PRC-154A Rifleman Radio is not survivable against cyber-attacks.
- (U) Section 2399 provides that submission of my report to the Congressional defense committees may be accompanied by such comments as you wish to make.

COORDINATION: None

Attachments: TABs A and B

Prepared by: (b)(6)

