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MINUTES

OF

Clothing and Individual Equipment (CIE)

Test and Evaluation Strategy Meeting (TESM)

23-24 June 1987

1. PURPOSE

a. The TESM was called to review and discuss Part III of four concept Statements of Need - Clothing and Individual Equipment (SN-CIE) and one SN-CIE addendum. All of these had been discussed at the 9th Clothing Advisory Group (CAG) Meeting on 30 April-1 May 1987.

b. Mr. Charles Williams, Chief, Life Support Systems Division (LSSD) opened the meeting as Acting Director of the Individual Protection Directorate (IPD), and welcomed and thanked those present for attending. Noting that this was the first TESM, he read the appropriate portions of the latest AR 700-86 (Dec 86) revision that established it, stated the objective of finalizing and reaching agreement on all Part III/TESS, and noted the importance and challenge of cooperative effort to do so.

2. ATTENDEES

A list of the meeting attendees is at Enclosure 1.

3. DISCUSSION

a. A draft Part III of each SN-CIE was presented and discussed in turn. Following is a summary of the important actions/decisions affecting each document as a result of the TESM.

(1) Multiple Threat Body Armor (MTBA)

(a) Mr. Leonard Flores, Chief, Armor & Special Projects Branch, LSSD, chaired the meeting on the MTBA. Project Manager-Clothing and Individual Equipment Office (PM-CIE) questioned the standards to be used for flechette testing. It was agreed that Natick would identify the appropriate references to add to the SN-CIE. They also questioned whether the Technical Test/User Test could be combined in an effort to shorten the proposed six year development program. Natick stated that we are opposed to combined testing but would be agreeable to a concurrent testing program. Both the Infantry Board and the Infantry School expressed resistance to combined testing and preferred to go with the six year program. PM-CIE withdrew the question.

(b) After discussing whether to test the item against the PASGT vest, it was decided that it would be tested alone with the MTBA test results compared to PASGT DT/OT II test reports.

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(c) U.S. Army Infantry Board (USAIB) suggested that the basis of issue (BOI) be clarified in order for them to write their Outline Test Plan (OTP). U.S. Army Infantry School (USAIS) was tasked to inform USAIB what Military Occupational Specialist (MOS) description will be issued the item. Additionally, USAIS accepted the tasking to send their critical test issues to Natick for incorporation into the Part III ASAP.

(d) Changes will be made to the SN-CIE as pointed out by the discussion.

(e) Before this portion of the meeting closed, a decision was arrived at and agreed to by all attendees that it would be impossible to get the signatures on the Part IIIs at this meeting. A draft will be put together and circulated for concurrence of all parties before the next Army Clothing and Equipment Board (ACEB) meeting is convened.

(2) Mask Drinking System (MDS)

(a) Mr. Charles Williams chaired the portion of the meeting dealing with the MDS.

(b) Mr. Patrick Snow, the project officer, described the proposed effort outlined in the MDS SN-CIE Parts II and III. A demonstration with a very crude prototype was also performed. This demonstration indicated that modifications to the currently fielded M-17A1 and the newly type classified M-40 may be necessary to accommodate the MDS. The chemical school stated a concern with this due to the amount of effort that would be involved. Natick proposed to develop a system that would connect to the masks without modifications as well as the system that may require slight modifications. It was decided that the Chemical School, Natick and the Chemical Research Development and Engineering Center should get together and discuss all past and present developmental efforts in this area and get a unified position as to the best approach.

(c) TECOM will expand on critical test issues and mail to Natick for incorporation in SN-CIE.

(3) Intermediate Cold Wet Boot System (ICWBS)

(a) Mr. Joseph Gardella, Chief, Clothing, Equipage and Special Projects Branch, Clothing and Uniform Division (C&UD), chaired the part of the meeting concerning the ICWBS.

(b) The need for a standardized definition of what composes a field (wear) day was again discussed. TRADOC was tasked to define this and a definition will be furnished.

(c) The USAIS stressed that all testing information should be addressed to ATSH-CD-TE. They will send to Natick a list of the operational issues for testing of the ICWBS. At PM-CIE suggestion, two Design Review Meetings, one after June 88 and another in March 89 will be

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was the
D. Seekins
dual valve
B/Cause
F/F dial
not
negative
mask
modifications!