



Service Secretary Comments



SECRETARY OF THE ARMY
WASHINGTON

22 DEC 2022

MEMORANDUM FOR Director, Operational Test and Evaluation, 1700 Defense Pentagon, Washington, DC 20301-1700

SUBJECT: Army Response to Fiscal Year 2022 Director, Operational Test and Evaluation Annual Report

1. Thank you for the opportunity to include the Army's comments in the Director, Operational Test and Evaluation (DOT&E) Fiscal Year 2022 Annual Report. This is the Department of the Army response.

2. I appreciate the thoroughness of the DOT&E report as well as the coordination between DOT&E and the Army. The Army provides the below insights from the Service level.

a. The Army is actively modernizing to ensure we provide the most capable and adaptable weapons systems to the Joint Force. Correspondingly, the Army remains focused on ensuring that effective capabilities are employed to test and evaluate emerging technologies. The Army's test and evaluation (T&E) community has already initiated actions to provide our workforce with more advanced skills, modernize test capabilities, and invest in future capabilities to address many of the technologies identified in this report.

b. The Army acknowledges the importance of the oversight role of OSD activities; however, the Army believes the management and execution of test capabilities to address new technology challenges is best retained at the Service level, thereby appropriately aligning authority, responsibility, and resources. For example, the Army is responsible for scheduling and executing critical Army live-fire tests with a sufficient quantity of anthropomorphic test devices (ATDs), yet this report recommends the Army investigate additional purchases of ATDs at \$900,000 per unit.

c. The Army is very pleased with the Department's recognition of the T&E and recruiting challenges for chemical and biological defense (CBD) at Dugway Proving Ground, a remote and isolated installation. The Army would like to emphasize that adequate and predictable funding continues to remain an additional challenge for CBD T&E sustainment and infrastructure modernization.

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3. We look forward to working with your office on implementing the recommendations at the Service level to ensure we continue to provide effective capabilities to our Soldiers in support of the Joint Force. Thank you for your continued support of Army programs and our Soldiers.

4. My point of contact for this action is Ms. Laura Pegher, 571-256-9438 or laura.i.pegher.civ@army.mil.

A handwritten signature in black ink, reading "Christine E. Wormuth". The signature is fluid and cursive, with the first name "Christine" and last name "Wormuth" clearly legible.

Christine E. Wormuth



THE UNDER SECRETARY OF THE NAVY
WASHINGTON DC 20350-1000

JAN 4 - 2023

MEMORANDUM FOR DIRECTOR, OPERATIONAL TEST AND EVALUATION

SUBJECT: Department of the Navy Comments on the FY2022 DOT&E Annual Report

Pursuant to your e-mail dated December 6, 2022 requesting Department of the Navy comments on the Fiscal Year (FY) 2022 Director, Operational Test & Evaluation (DOT&E) Annual Report, the following is provided:

- CVN 78 Gerald R. Ford Class Nuclear Aircraft Carrier: The report notes risk associated with low or unproven reliability of systems critical for flight operations, specifically citing reliability regression for Electromagnetic Aircraft Launch System (EMALS) and Advanced Arresting Gear (AAG), and fastener issues for the Jet Blast Deflectors. In 2022 the Navy has addressed AAG and EMALS issues via a reliability growth plan that resulted in an average Operational Availability of ~0.98 for the last 5,500 (~45%) launches and recoveries across both systems. Advanced Weapons Elevators supported the on-load of over 1,470 tons of ammunition during preparations for deployment with very promising lower stage elevator performance and higher weapons transfer efficiency than NIMITZ, as noted in the DOT&E report.
- Advanced Anti-Radiation Guided Missile – Extended Range (AARGM-ER): To clarify, AARGM-ER will be employed by F-35 A, B and C, not just the A/C versions as stated in the report.
- Offensive Anti-Surface Warfare (OASUW): The Navy will continue to work with DOT&E to plan and execute an adequate OASUW Operational Test to support full-rate production and Engagement Operations Centers in 4QFY26, rather than FY24 as stated in the report.
- CH-53K King Stallion: CH-53K conducted all Developmental Test Center of Gravity (CG) testing required to approve a CG range that meets the fleet requirement to carry 30 troops down to minimum fuel. VMX-1 did not conduct troop transport missions with 30 combat equipped troops down to minimum fuel due to the overly conservative nature of the currently issued weight and center of gravity planning tools. The fleet will be issued updated and more accurate tools in FY23. CH-53K secondary mission operational test is scheduled for 3QFY23 vice 2QFY23, and integrated cyber survivability testing is scheduled for 3QFY24 vice 2QFY24.
- Conventional Prompt Strike: The Navy has four additional Joint Flight Campaigns planned through 4QFY24 (five total) to develop and demonstrate a hypersonic, cold-gas launched missile system prototype capability.

I appreciate DOT&E's coordination with our individual Program Executive Offices, and thank you for this final opportunity to comment on the FY2022 DOT&E Annual Report.

Erik K. Raven

Copy to:
ASN (RD&A)
PCD/PMD ASN (RD&A)
DASN (RDT&E)



SECRETARY OF THE AIR FORCE
WASHINGTON

JAN 10 2023

MEMORANDUM FOR THE DIRECTOR, OPERATIONAL TEST AND EVALUATION

SUBJECT: Department of the Air Force Response to Fiscal Year (FY) 2022 Director,
Operational Test and Evaluation (DOT&E) Annual Report

I appreciate the opportunity to review the FY22 report. Holistically, this report reflects an accurate status of oversight programs in the Department of the Air Force (DAF) and identifies the challenges and opportunities of resourcing the Department of Defense test enterprise. The DAF has also provided clarifications and amplifying information for your consideration in the final report.

Moving forward, I would like to see a clean distinction between the Air Force and Space Force. The sections where Air Force is used to address both the Air Force and Space Force entities should be listed as the DAF. This includes adding sub headers for the listed Air Force and Space Force programs to show the difference between the two Services.

The DAF looks forward to continuing the partnership with DOT&E required to meet the test needs of Airmen and Guardians now and in the future.

Frank Kendall

cc:
AF/CV
AF/TE