

# DEPARTMENT OF THE NAVY

COMMANDER, OPERATIONAL TEST AND EVALUATION FORCE  
(NORFOLK, VA 23505-1498)  
COMMANDER NAVAL AIR SYSTEMS COMMAND (20670-1547)  
PROGRAM EXECUTIVE OFFICER, AIR ASW ASSAULT AND SPECIAL MISSION  
PROGRAM (20670-1547)  
PROGRAM EXECUTIVE OFFICER, TACTICAL AIRCRAFT PROGRAMS  
(20670-1547)  
PROGRAM EXECUTIVE OFFICER, CRUISE MISSILES AND JOINT UNMANNED  
AERIAL VEHICLES (20670-1547)  
PATUXENT RIVER, MD

COMOPTEVFOR  
3980  
Ser 00/998  
16 Nov. 1998

## MEMORANDUM OF AGREEMENT

BETWEEN  
COMMANDER, OPERATIONAL TEST AND EVALUATION FORCE  
AND  
COMMANDER, NAVAL AIR SYSTEMS COMMAND  
PROGRAM EXECUTIVE OFFICER, AIR ASW ASSAULT AND SPECIAL MISSION  
PROGRAMS  
PROGRAM EXECUTIVE OFFICER, TACTICAL AIRCRAFT PROGRAMS  
PROGRAM EXECUTIVE OFFICER, CRUISE MISSILES AND JOINT UNMANNED  
AERIAL VEHICLES

Subj: MEMORANDUM OF AGREEMENT FOR COMBINED DEVELOPMENTAL  
AND OPERATIONAL TESTING OF COMNAVAIRSYSCOM SYSTEMS

Ref: (a) SECNAVINST 5000.2B

1. This Memorandum of Agreement (MOA) establishes procedures for the conduct of combined/concurrent developmental testing (DT) and operational testing (OT) of systems within the cognizance of the Commander, Naval Air Systems Command (COMNAVAIRSYSCOM), Program Executive Officer Air ASW, Assault and Special Mission Programs (PEOASWASM), Program Executive Officer Tactical Aircraft Programs, (PEOTACAIR), or Program Executive Officer Cruise Missiles Program and Joint Unmanned Aerial Vehicles (PEOCMPANDUAV), identified as the Developing Activity (DA) below. The DAs and Commander, Operational Test and Evaluation Force (COMOPTEVFOR) agree to the following DT and OT procedures:

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**a. DT and OT Readiness**

(1) The DA will certify readiness to commence independent OT using appropriate sections of reference (a).

(2) The DA and COMOPTEVFOR will identify and ensure the collection of data for their individual DT and OT objectives.

**b. Preoperations Planning**

**(1) Test Objectives**

**(a) DT Test Objectives.** The cognizant DT activity will conduct a technical evaluation of the functionality, capability, and performance of the system under test as appropriate per reference (a).

**(b) OT Test Objectives.** COMOPTEVFOR will independently assess/determine the operational effectiveness and operational suitability of the system under test as appropriate per reference (a).

**(c) Information Exchange.** Operational and developmental testers will schedule appropriate debriefs, meetings, etc., to exchange information and insight into the developmental and operational evaluation of the functionality, capability, and performance of the system under test.

**(d) Coordination.** The DA and COMOPTEVFOR will review requirements, coordinate planning, test assets, and resources, and provide test team support to ensure test operations are structured to conduct the most comprehensive and efficient test possible, with as much operational realism as possible.

**(2) Test Plan.** The DT and OT test plans will not be combined. Separate DT and OT test plans will be issued by the DT activity and COMOPTEVFOR, respectively. Test events will be coordinated and monitored by on-scene representatives of the signatories to ensure that DT and OT objectives, data collection, and data analysis requirements are met. DT and OT representatives will work together to the maximum extent possible to ensure efficient execution of testing.

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**c. Test Execution**

(1) [C1]DT and OT phases covered by this MOA shall commence when the DA begins its DT validation of the final planned system configuration. Specific Test and Evaluation Master Plan provisions to commence combined DT/OT will take precedence over this MOA. After commencement of validation, and when initial testing has shown the system configuration to be stable, the DA will release the system to COMOPTEVFOR for DT/OT. Test data and results will be exchanged between COMOPTEVFOR and the DA during this phase and may be used in final report results, as either deems necessary.

(2) Per reference (a), COMOPTEVFOR will commence independent operational testing following the DA certification of readiness for OT&E.

**d. Schedule Changes.** If a change to the test schedule is required, the DA will provide a revised schedule as soon as possible so COMOPTEVFOR can coordinate changes with fleet units and participants.

**e. Hardware/Software Configuration Management.** Modifications to hardware/software during the early stages (EOA/OA only) of combined and/or concurrent testing are normal and expected. To fully evaluate the impact of modifications/patches to the operational capability of the system, it is imperative that the developer ensures the operational tester is fully aware of all modifications/patches to hardware/software. A mutually agreed upon software freeze date will be established for the final configuration/version to allow COMOPTEVFOR sufficient time to test, evaluate, and report the results to the Chief of Naval Operations.

**f. Visitor Control.** Visitors are not desired during test operations. The DA and COMOPTEVFOR will ensure that only personnel essential to the conduct of mission operations are permitted in support or control locations during testing. During the coordinated phase of testing, visit authorization will be controlled by the DA, and will be granted only for valid requirements or for technical assistance. Visit authorization will be controlled by COMOPTEVFOR during independent operational tests.

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**g. Reports**

(1) The use of DT data to supplement operational testing is one of the primary purposes of combined/concurrent testing. The DT activity agrees to provide COMOPTEVFOR the DT test results and an assessment of potential for successful OT at an appropriate time upon completion of any previous testing.

(2) COMOPTEVFOR will publish a final report of the operational test and evaluation results no later than 90 days after completion of testing.

**h. Analysis.** The DA shall be responsible for analysis and resolution of failures identified during testing. These results and the raw failure data will be provided to COMOPTEVFOR. Additionally, the DA shall provide funding to COMOPTEVFOR for contractor support (if necessary) to conduct data collection, data extraction/data reduction, and analysis of other data required for an independent evaluation. The DA and COMOPTEVFOR shall periodically negotiate an appropriate level of analytical support funding by program.

**i. Termination of Testing.** Termination of testing will be per reference (a).

2. Should either COMOPTEVFOR or the DA desire additional specifics that apply to a single system test program, both parties will negotiate such an agreement as an addendum to this MOA. Approval authority for system specific addendum is delegated to the Program Manager and the cognizant COMOPTEVFOR Assistant Chief of Staff.

//S// 16 November 1998  
Commander, Operational Test  
and Evaluation Force

//S// 15 January 1999  
Commander, Naval Air Systems  
Command (AIR-1.0)

//S// 12 March 1999  
Program Executive Officer, Air  
ASW Assault and Special Mission  
Program

//S// 2 February 1999  
Program Executive Officer, Tac-  
tical Aircraft Programs

//S// 12 February 1999  
Program Executive Officer,  
Cruise Missiles and Joint Un-  
manned Aerial Vehicles