



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC

Office Of The Assistant Secretary

AUG 28 2009

MEMORANDUM FOR SEE DISTRIBUTION

FROM: SAF/AQ
1060 Air Force Pentagon
Washington DC 20330-1060

SUBJECT: Air Force Materiel Development Decision (MDD) Process for Potential Acquisition Programs

The revised DODI 5000.02, *Operation of the Defense Acquisition System*, requires all potential programs to proceed through a MDD review when entering the acquisition lifecycle framework. The MDD review is the formal entry into the acquisition process substantiating the need for a materiel solution based on a validated capability gap. MDD reviews are being conducted using the established Defense Acquisition Board (DAB) / Information Technology Acquisition Board (ITAB) / Air Force Review Board (AFRB) processes. The MDD review shall ensure that a complete and rigorous analysis/assessment of alternatives and their non-materiel implications will be or has been conducted.

I am issuing this memo to clarify expected MDD roles and responsibilities, and ensure a consistent and thorough MDD review occurs for all potential Air Force programs that have not yet entered the Defense Acquisition Management System. The Defense Acquisition Executive (DAE) as the Milestone Decision Authority (MDA) chairs the MDD for all potential Air Force Acquisition Category (ACAT) I and IA programs, unless delegated or designated per DODI 5000.02. The Service Acquisition Executive (SAE) as the MDA chairs all potential ACAT II MDD reviews unless delegated to a Program Executive Officer (PEO) or a Designated Acquisition Official (DAO), and the PEO or DAO as MDA chairs all potential ACAT III MDD reviews unless the MDA authority has been delegated. Additional guidance on MDD actions and responsibilities are found in the attachment to this memo. The guidance from this memo and attachment will be included in the next interim change to AFI 63-101, *Acquisition and Sustainment Life Cycle Management*.

The Air Force point of contact for this memo and the attachment is SAF/AQXA at SAFAQXA.Workflow@pentagon.af.mil, or 703-588-7111. You may also contact Larry Haukenes at larry.haukenes@pentagon.af.mil, 703-588-7158/DSN 425-7158 with questions.


For David M. Van Buren
Acting Assistant Secretary of the Air Force
(Acquisition)

Atch:
MDD Actions and Responsible Organizations

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