



ACQUISITION AND  
TECHNOLOGY

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DOCUMENT 1

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON  
WASHINGTON DC 20301-3000

EXECUTIVE SUMMARY

MEMORANDUM FOR UNDER SECRETARY OF DEFENSE (ACQUISITION,  
TECHNOLOGY AND LOGISTICS) *USD(A&T) has seen 21 DEC 2000*  
PRINCIPAL DEPUTY UNDER SECRETARY OF DEFENSE  
(ACQUISITION, TECHNOLOGY AND LOGISTICS)

THROUGH: DIRECTOR, DEFENSE RESEARCH AND ENGINEERING *DME 12/20/00*

FROM: DIRECTOR, STRATEGIC AND TACTICAL SYSTEMS *BR/Chen 12/20/00*

Prepared by: (b)(6)  
Approved by: (b)(6)

SUBJECT: Compliance Certification of Predator Tests and the DARPA/USAF X-45A

PURPOSE: Obtain USD(AT&L) Approval of Certification

DISCUSSION:

Two DoD unmanned combat air vehicle (UCAV) programs require compliance certification (Tab A). In the first, DARPA and USAF are working on an Advanced Technology Demonstration UCAV (known as the X-45A) to assess UCAV flight, command and control, and weapons delivery. In a second, unrelated program, the Air Force plans to test a Predator UAV with weapons.

The INF, START, and CFE Treaty Compliance Review Groups (CRGs) have reviewed the programs, have concluded that they are consistent with U.S. treaty obligations, and recommend compliance certification for these programs (Tab A). Compliance rationale for this judgement is also attached (Tab B). Changes to current plans that could raise compliance issues, such as plans to locate UCAVs in Europe, would require further compliance review.

The compliance rationale is consistent with the results of an interagency review of legal and policy issues raised by such programs.

(b)(5)

COORDINATION: OUSD(P), OGC, Joint Staff, USAF, DARPA (Tab E)

RECOMMENDATION: Sign certification at Tab A.

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OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON  
WASHINGTON DC 20301-3000

21 DEC 2000

MEMORANDUM FOR SECRETARY OF THE AIR FORCE  
DIRECTOR, DEFENSE ADVANCED RESEARCH PROJECTS  
AGENCY

SUBJECT: Compliance Certification of Predator Tests and the DARPA/USAF X-45A

The Intermediate Nuclear Forces (INF), Strategic Arms Reduction Treaty (START), and Conventional Forces in Europe (CFE) Compliance Review Groups (CRGs) have reviewed the current plans for the X-45A Unmanned Combat Air Vehicle (UCAV) Advanced Technology Demonstration (ATD) effort being undertaken by DARPA and the U.S. Air Force and found the ATD, as currently defined, in compliance with those treaties. In addition, the CRGs have reviewed the current Air Force plans to conduct weapons delivery tests from the Predator unmanned air vehicle and found the planned activity in compliance with those treaties. The compliance rationales for these conclusions are attached. Consequently, I am certifying the compliance of the X-45A UCAV ATD and the Predator weapons test plans as briefed to the INF, START, and CFE CRGs.

Any changes to these programs that could raise compliance concerns under the INF, START, or CFE treaties should be brought to the attention of the appropriate CRG.

J. S. Gansler

Attachment:  
As stated

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SUBJECT: Compliance Certification of Predator Tests and the DARPA/USAF X-45A

## Coordination for treaty compliance

OUSD(P) *S. Koch* 18 Dec 00  
*Susan Koch PDD Threat Reduction Policy*

OGC \_\_\_\_\_

Joint Staff \_\_\_\_\_

## Coordination for program description

USAF \_\_\_\_\_

DARPA \_\_\_\_\_

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# UNCLASSIFIED

SUBJECT: Compliance Certification of Predator Tests and the DARPA/USAF X-45A

## Coordination for treaty compliance

OUSD(P) \_\_\_\_\_

OGC

*Richard Haddad 12/14/08*  
Richard Haddad OGC-I

Joint Staff \_\_\_\_\_

## Coordination for program description

USAF \_\_\_\_\_

DARPA \_\_\_\_\_

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# UNCLASSIFIED

SUBJECT: Compliance Certification of Predator Tests and the DARPA/USAF X-45A

## Coordination for treaty compliance

OUSD(P) \_\_\_\_\_

OGC \_\_\_\_\_

Joint Staff *Stacy Vadmy, USAF*  
*Director*

## Coordination for program description

USAF \_\_\_\_\_

DARPA \_\_\_\_\_

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# UNCLASSIFIED

SUBJECT: Compliance Certification of Predator Tests and the DARPA/USAF X-45A

## Coordination for treaty compliance

OUSD(P) \_\_\_\_\_

OGC \_\_\_\_\_

Joint Staff \_\_\_\_\_

## Coordination for program description

USAF Charles R. Meyer  
AF/XOIR

ERIC C. WINTON  
MAJ, USAF  
HQ USAF/XOIR

E.C. Winton  
697-4083

DARPA \_\_\_\_\_

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UCAV Compliance Certification Coordination Sheet

CRG Members

OUSD(P) \_\_\_\_\_

DoD General Counsel \_\_\_\_\_

Joint Staff \_\_\_\_\_

Attestation of Factual Descriptions

DARPA David A. Whelan  
David A. Whelan, Director, TTO

USAF \_\_\_\_\_