



ACQUISITION,
TECHNOLOGY
AND LOGISTICS

THE UNDER ~~SECRET~~ SECRETARY OF DEFENSE

3010 DEFENSE PENTAGON
WASHINGTON, DC 20301-3010

DEC 01 2008

MEMORANDUM FOR SECRETARY OF THE AIR FORCE
UNDER SECRETARY OF DEFENSE (COMPTROLLER)
VICE CHAIRMAN, JOINT CHIEFS OF STAFF
COMANDER, U.S. STRATEGIC COMMAND
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION

SUBJECT: Infrared Augmentation Satellite (IRAS) Acquisition Decision
Memorandum

Based upon the directions given at the October 23, 2008 Deputy's Advisory Working Group (DAWG) and documented in the October 31, 2008 Program Decision Memorandum III, I direct the Air Force to begin planning for acquisition of (b)(1) Infrared Augmentation Satellite (b)(1) future risk and augment the existing infrared missile warning satellite constellation.

This rapid acquisition initiative, intended to help provide continuous strategic missile warning coverage, shall produce a low-risk solution that leverages existing technology, hardware, and ground systems. (b)(1)

(b)(1)

After schedule consideration, the second leading requirement for this acquisition shall be cost. The Air Force should carefully consider the use of a Fixed Price Incentive Contract to purchase the satellite in order to constrain risk and change in this quick reaction effort. Additionally, the Air Force should consider use of an Operationally Responsive Space rapid reconstitution system, other free-flyer or commercial platform to host the sensor for this system. The projected cost, schedule and performance of each option, along with how well they address the current Missile Warning requirements contained in the 1996 SBIRS

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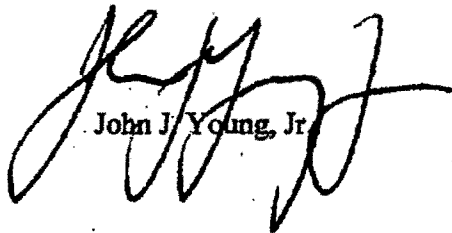
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ORD should be reported to me, via the JROC, in conjunction with the acquisition strategy.

To meet this acquisition direction, the Air Force will provide a reprogramming request for USD (Comptroller) approval, identifying sources of (b)(1) the FY 2009 budget to initiate procurement of the system beginning as soon as possible in FY 2009. The Air Force will provide an acquisition strategy and source selection plan that will have been reviewed by the IR Joint Assessment Team for my approval by December 19, 2008 in preparation for an April 2009 Key Decision Point – B Defense Space Acquisition Board. I expect all statutory documentation required for a KDP-B milestone decision be completed prior to the planned April 2009 Key Decision Point- B Defense Space Acquisition Board.

I designate this system a pre-Major Defense Acquisition.

My point of contact is Dr. Chuck Frizzelle, charles.frizzelle@osd.mil, (703) 602-2720 x136.


John J. Young, Jr.

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