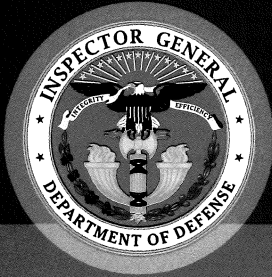


SECRET//FORMERLY RESTRICTED DATA



INSPECTOR GENERAL

Department of Defense

January 14, 2014

Report No. DODIG-2014-031

(U) Review of DoD Requirements for Nuclear Gravity Weapon Delivery Parameters

Classified by: DoD OIG: (b) (6)
Derived from: Multiple Sources
Declassify on: N/A Applicable to FRD

FORMERLY RESTRICTED DATA

Unauthorized disclosure is subject to administrative and criminal sanctions. Handle as RESTRICTED DATA in foreign dissemination. Section 144b, Atomic Energy Act of 1954.

INTEGRITY ★ EFFICIENCY ★ ACCOUNTABILITY ★ EXCELLENCE

SECRET//FORMERLY RESTRICTED DATA

INTEGRITY ★ EFFICIENCY ★ ACCOUNTABILITY ★ EXCELLENCE

Mission

Our mission is to provide independent, relevant, and timely oversight of the Department that: supports the warfighter; promotes accountability, integrity, and efficiency; advises the Secretary of Defense and Congress; and informs the public.

Vision

Our vision is to be a model oversight organization in the federal government by leading change, speaking truth, and promoting excellence; a diverse organization, working together as one professional team, recognized as leaders in our field.

.....
Fraud, Waste and Abuse
HOTLINE
1.800.424.9098 • www.dodig.mil/hotline
.....

For more information about whistleblower protection, please see the inside back cover.



INSPECTOR GENERAL
DEPARTMENT OF DEFENSE
4800 MARK CENTER DRIVE
ALEXANDRIA, VIRGINIA 22350-1500

January 14, 2014

MEMORANDUM FOR DISTRIBUTION

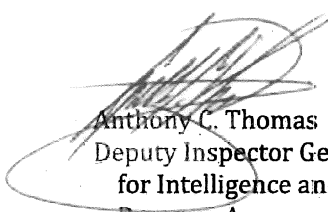
SUBJECT: (U) Review of DoD Requirements for Nuclear Gravity Weapon Delivery
Parameters (Report No. D2014-031)

(U) We are providing this report for review and comment. We considered comments when preparing the final report from the Chief of Staff, U.S. Air Force; Office of the Under Secretary of Defense for Policy; U.S. Strategic Command; and the Office of the Under Secretary of Defense for Acquisition, Logistics and Technology

(U) DoD Directive 7650.3 requires promptly resolving recommendations. As a result of management comments, we have revised our findings to remove a paragraph on ~~DoD OIG: (b) (7)(E)~~ aircrew qualification. We request that the Commander, U.S. Strategic Command, provide additional comments on recommendations 1a and 1b. We request that all of these comments be provided by February 14, 2014.

(U) Please send a PDF file containing your comments to ~~DoD OIG: (b) (6)~~. Copies of your comments must have the actual signature of the authorizing official for your organization. We cannot accept the /Signed/ symbol in place of the actual signature.

(U) We appreciate the courtesies extended to the staff. Please direct questions to me at ~~DoD OIG: (b) (6)~~


Anthony C. Thomas
Deputy Inspector General
for Intelligence and Special
Program Assessments

Classified by: ~~DoD OIG: (b) (6)~~
Derived from: Multiple Sources
Declassify on: Not Applicable to FRD

~~FORMERLY RESTRICTED DATA~~
~~Unauthorized disclosure subject to~~
~~administrative and criminal sanctions. Handle~~
~~as RESTRICTED DATA in foreign dissemination.~~
~~Section 144B, Atomic Energy Act of 1954.~~

Distribution:

UNDER SECRETARY OF DEFENSE FOR ACQUISITION, TECHNOLOGY AND LOGISTICS

UNDER SECRETARY OF DEFENSE FOR POLICY

UNDER SECRETARY OF DEFENSE COMPTROLLER/DOD CHIEF FINANCIAL OFFICER

CHIEF OF STAFF, U.S. AIR FORCE

COMMANDER, UNITED STATES STRATEGIC COMMAND

DIRECTOR, JOINT STAFF

ASSISTANT SECRETARY OF THE AIR FORCE FINANCIAL MANAGEMENT AND COMPTROLLER

cc:

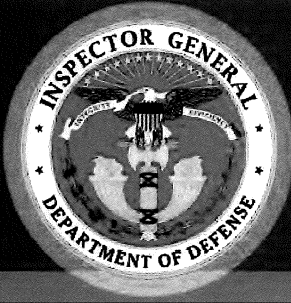
Commander, United States European Command

Commander, Air Force Global Strike Command

Assistant Chief of Staff, Strategic Deterrence and Nuclear Integration, Headquarters United States Air Force

Deputy Assistant Secretary of Defense for Nuclear Matters

Commander, Air Force Nuclear Weapons Center



Results in Brief

(U) Review of DoD Requirements for Nuclear Gravity Weapon Delivery Parameters

(U) January 14, 2014

(U) What we Did

(U) Our objective was to review current DoD nuclear gravity weapon delivery requirements established for the Department of Energy (DOE) to determine whether these requirements are excessive given the current capability of delivery platforms.

(U) What we found

(S//FRD)

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)

(U) Recommendations

(S//FRD)

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(S//FRD)

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(U) Management Comments and Our Response

(S//FRD) Management comments we received were partially responsive to the recommendations.

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

We request comments be provided by February 14, 2014. Please see the recommendations table on the following page.

(U) The Under Secretary of Defense for Acquisition, Technology and Logistics provided comments on the report and agreed with our recommendation to ensure that the updates to the Military Characteristics and Stockpile to Target Sequence are properly processed for approval.

(U) Visit us on the web at www.dodig.mil

(U) Recommendations Table

Management	Recommendations Requiring Comment	No additional Comments Required
Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics		2
Commander, U.S. Strategic Command	1.a, 1.b	1.c
Office of the Under Secretary of Defense for Policy		1.c

(U) This table is unclassified

(U) Management comments are due by February 14, 2014

(U) Contents

(U) Introduction.....	1
(S//FRD) Finding: <small>OSD/JS: (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)</small>	5
(U) Conclusion.....	8
(U) Management Comments on the Finding and Our Response.....	8
(U) Recommendations, Management Comments, and Our Response.....	9
(U) Appendix A.....	12
(U) Management Comments.....	14
(U) Acronyms and Abbreviations.....	37

This page intentionally left blank

(U) Introduction

(U) Objective

(U) Our overall objective is to review current DoD nuclear gravity weapon delivery requirements established for the Department of Energy (DOE) to determine whether these requirements are excessive, given the current capability of delivery platforms.

(U) Background

(U) *Weapon Descriptions*

(U) The B61 and B83 are the two nuclear gravity bombs in the U.S. nuclear stockpile.

DOE: (b) (3), 42 USC § 2168(a)(1)(C)

- (U) **B61:** Four B61 modifications (Mods) are active in the U.S. stockpile -- Mods 3, 4, 7, and 11.

(U) Aircraft: Mods 3 and 4 are carried by aircraft that are capable of carrying nuclear and conventional payloads: F-15E Strike Eagle, F-16 Falcon, and NATO's PA-200 Tornado. The Mod 7 is carried by two strategic bomber aircraft: the B-2 Spirit and the B-52H Stratofortress. The Mod 11 is carried solely by the B-2.

(~~S//FRD~~) Yield: DOE: (b) (3), 42 USC § 2168(a)(1)(C); OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(~~S//FRD~~) Delivery: OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

- (U) **B83:** The Mod 1 is the only active variant of this weapon in the U.S. stockpile.

(U) Aircraft: The B-2 and B-52H strategic bomber aircraft carry the B83.

~~(S//FRD)~~ Yield: DOE: (b) (3), 42 USC § 2168(a)(1)(C); OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

~~(S//FRD)~~ Delivery: OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

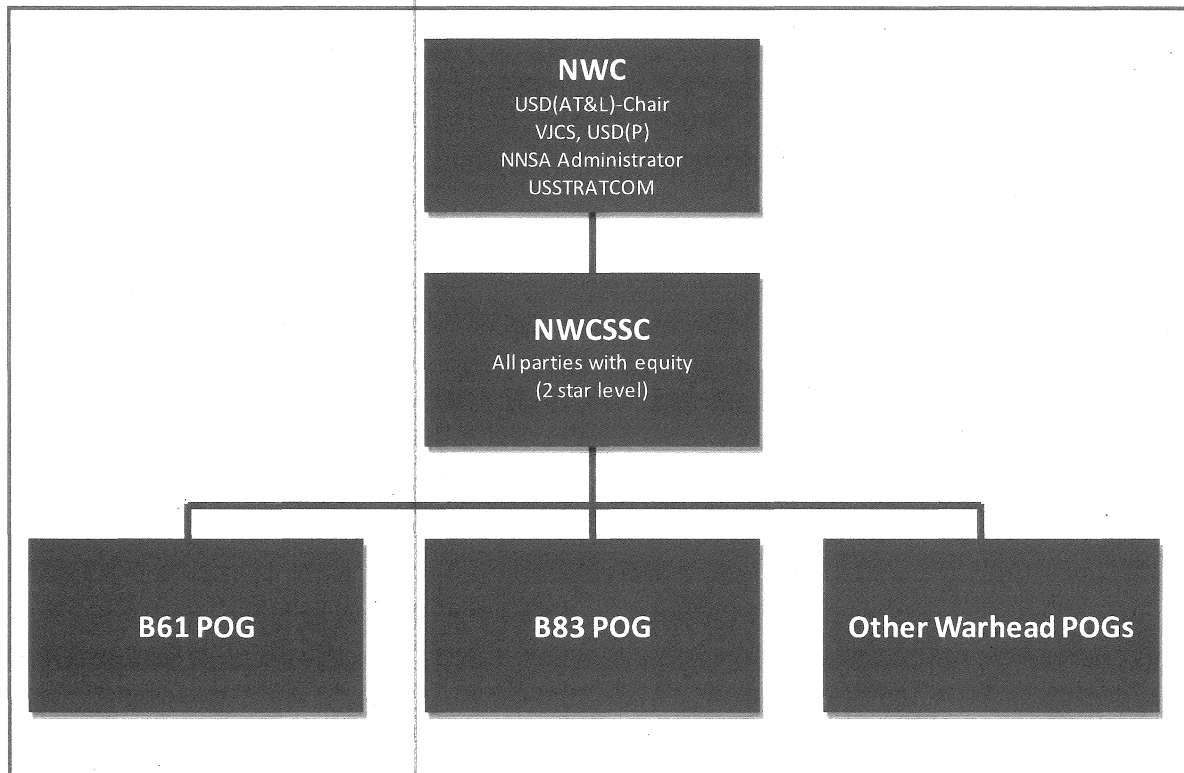
(U) Nuclear Weapons Management

(U) The Nuclear Weapons Council (NWC) manages the U.S. nuclear weapons enterprise. The NWC is a joint DoD and DOE organization. DOE exercises management oversight of nuclear weapons via the National Nuclear Security Administration (NNSA). The NWC provides policy guidance and oversight of the nuclear stockpile management process. The Undersecretary of Defense (Acquisition, Technology and Logistics) chairs the NWC, whose other members are: the Vice-Chairman - Joint Chiefs of Staff; NNSA Administrator; Undersecretary of Defense (Policy); and the Commander, U.S. Strategic Command (USSTRATCOM).

(U) The Nuclear Weapons Council Standing and Safety Committee (NWCSSC) is an organization that evaluates and executes actions related to the U.S. nuclear weapons stockpile for the NWC and provides preliminary approval for many NWC activities. The NWCSSC is a subordinate body to the NWC, composed of flag-level representatives from several DoD and DOE organizations. The NWCSSC reviews and approves the Military Characteristics (MCs) and Stockpile-to-Target Sequences (STs) for major modifications of existing weapons and improved systems.

(U) The NWC charters the Project Officers Groups (POGs), with representation from both DoD and NNSA. A separate POG exists for each weapon type and is led by the Service that uses the weapon. POGs coordinate and approve all activities associated with maintaining their weapons in accordance with DoD and DOE requirements. For major modifications on weapons, the POGs collect and submit information on the requirements to the NWCSSC, and then to the NWC for approval. The POGs review the MCs and the STS for each weapon during their periodic meetings. Figure 1 presents the Nuclear Weapons Management structure.

(U) Figure 1—Nuclear Weapons Management Structure



(U) Weapon Requirements

- (U) MCs define a nuclear weapon's physical and operational characteristics and performance requirements upon which its desired functions depend. Weapons were designed and built to meet the MC's requirements; NNSA periodically conducts laboratory tests, provides flight test units to DoD, and evaluates and tests these units. These processes certify that the weapons continue to meet the MC's and the STS' requirements.
- (U) The STS defines the logistic and employment concepts and related physical environments involved in delivering a nuclear weapon from the stockpile to the target. These concepts and environments include the normal peacetime storage and handling, war employment, and abnormal environments that a warhead may be exposed to during its life cycle. The information contained in the STS amplifies information in the MC. The STS supports the MC's design requirements.

(U) Weapons Delivery Options

(U) The B61 and B83 can be delivered by aircraft with the following fuzing options:

- (U) Freefall Airburst -- In this mode, the bomb is released from the aircraft, and falls ballistically, unimpeded by any braking device. The weapon detonates at a predetermined height above ground.
- (U) Freefall Groundburst -- The bomb falls ballistically unimpeded and detonates when it strikes the ground.
- (U) Retarded Airburst -- the bomb deploys a parachute after it is released from the aircraft, and descends suspended from the parachute. The bomb explodes at a pre-determined height above ground level.
- (U) Retarded Groundburst -- the bomb deploys a parachute after it is released to slow its descent. The bomb lands on the ground and then detonates after a predetermined amount of time expires. Retarded Groundburst is also known as a "Laydown" delivery.

(S//FRD)

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)



(S//FRD) Finding

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)




(S//FRD) OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)









(S) OSD/JS: (b) (1), 1.4(a); USSTRATCOM: (b) (1), 1.4(a)



(S) OSD/JS: (b) (1), 1.4(a); USSTRATCOM: (b) (1), 1.4(a)



(S) OSD/JS: (b) (1), 1.4(a); USSTRATCOM: (b) (1), 1.4(a)



~~(S//FRD)~~

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

- ~~(S)~~ OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

- ~~(S//FRD)~~ OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

- ~~(S//FRD)~~ OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C);
USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

~~(S//FRD)~~

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

~~(S)~~ USSTRATCOM

OSD/JS: (b) (1), 1.4(a); USSTRATCOM: (b) (1), 1.4(a)

[REDACTED]

~~(S//FRD)~~

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(S//FRD) OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(S) USSTRATCOM

OSD/JS: (b) (1), 1.4(a); USSTRATCOM: (b) (1), 1.4(a)

(S//FRD) OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(U) Certification of the B61-7 and B83 for DoD OIG: (b)(7)(E)
 result in misapplied testing efforts
and additional costs to NNSA

(S//FRD) OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(S//FRD) OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

¹ NNSA and applicable nuclear and non-nuclear laboratories are POG members

(U) Conclusion

(S//FRD)

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(U) Management Comments on the Finding and Our Response

(U) Commander, U.S. Strategic Command Comments

(S//FRD) The Director, Capability and Resource Integration (J8), provided comments on USSTRATCOM's behalf.

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(U) USSTRATCOM

USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

assessment. He did agree that the capability USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C) gravity nuclear weapon testing or employment, and also not needed for Air Launch Cruise Missile Plus Count Captive Carry flight tests.

(U) Our Response

(S//FRD) We fully considered management comments when preparing this final report.

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(S//FRD) [REDACTED] OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRTCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(U) Headquarters, U.S. Air Force Comments

(S//FRD) The Deputy Assistant Chief of Staff of the Air Force for Strategic Deterrence and Nuclear Integration responded on behalf of the Air Force.

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C);
USSTRTCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

DOE: (b) (3), 42 USC § 2168(a)(1)(C); OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRTCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRTCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(U) Our Response

(S//FRD) We fully considered management comments when preparing this final report.

OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(U) Recommendations, Management Comments, and Our Response

(U) Recommendation 1

(U) 1. We recommend that the Commander, USSTRATCOM:

(S//FRD) [REDACTED] OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(S//FRD) [REDACTED] OSD/JS: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b) (1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)

(S) [REDACTED] OSD/JS: (b) (1), 1.4(a); USSTRATCOM: (b) (1), 1.4(a)

(U) Comments 1

(U) Undersecretary of Defense for Policy Comments

(U) The Undersecretary of Defense for Policy concurred with recommendation 1.c, and no further comments are required.

(U) Commander, U.S. Strategic Command Comments

~~(S//FRD)~~ The Director, Capability and Resource Integration (J8), responded for USSTRATCOM. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(U) Our Response

~~(S//FRD)~~ We consider USSTRATCOM partially responsive to recommendations 1.a and 1.b, and responsive to recommendation 1.c. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(U) Headquarters, U.S. Air Force Comments

~~(S//FRD)~~ Recommendations 1.a, 1.b and 1.c were not directed to the Air Force Headquarters; nevertheless, the Deputy Assistant Chief of Staff of the Air Force for Strategic Deterrence and Nuclear Integration responded to it. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

[REDACTED]

(S//FRD) [REDACTED] DOE: (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)
[REDACTED] DOE: (b) (3), 42 USC § 2168(a)(1)(C); OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)
[REDACTED]

(U) Our Response

(S//FRD) [REDACTED] DOE: (b) (3), 42 USC § 2168(a)(1)(C); OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)
[REDACTED] OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(U) Recommendation 2

(S//FRD) 2. We recommend that the Under Secretary of Defense for Acquisition, Technology and Logistics, as chair of the Nuclear Weapons Council, [REDACTED] OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)
[REDACTED]
[REDACTED]
[REDACTED]

(U) Comments 2

(U) Undersecretary of Defense for Acquisition, Technology and Logistics Comments

(U) The Undersecretary of Defense for Acquisition, Technology and Logistics stated that his staff found the report to be factually correct and appropriately classified. He concurred with the recommendation and agreed to ensure that any updates for the MCs and STS are approved by the NWCSSC following submission to the POG.

(U) Our Response

(U) OSD (AT&L) comments were responsive and no further comments are required.

(U) Appendix A

(U) Scope and Methodology

(U) We conducted this review from January 2013 through May 2013 in accordance with generally-accepted government auditing standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives.

(U) We interviewed officials from the Deputy Assistant Secretary of Defense (Nuclear Matters); Assistant Chief of Staff, U.S. Air Force, Strategic Deterrence and Nuclear Integration (HAF A-10); United States Strategic Command; Air Force Global Strike Command; Air Force Nuclear Weapons Center; Air Combat Command; U.S. Air Forces in Europe; and U.S. European Command.

(U) We evaluated the extent of nuclear gravity weapon testing that the National Nuclear Security Administration conducted. We compared this testing with current nuclear gravity weapon capabilities for both bomber and fighter aircraft. The purpose of these comparisons was to determine if currently required nuclear gravity weapon testing was providing sufficient and relevant data for weapons employment scenarios.

(U) Research Limitation

(U) We limited our review's scope because DoD was operating under a continuing resolution through March 27, 2013 and facing further reductions in funding under sequestration. Specifically, travel budgets were reduced. Given these budget limitations, we eliminated site visits to Air Force Global Strike Command at Barksdale AFB, LA; U.S. Strategic Command at Offutt AFB, NE; and Air Force Nuclear Weapons Center, Kirtland AFB, NM. We conducted video interviews through teleconferencing. We held the teleconferences with Air Force Global Strike Command, U.S. Strategic Command, Air Force Nuclear Weapons Center, Air Combat Command, U.S. Air Force Europe, and the U.S. European Command. We made local office visits with Deputy Assistant Secretary of Defense (Nuclear Matters); and Assistant Chief of Staff, U.S. Air Force, Strategic Deterrence and Nuclear Integration (HAF A-10). The review objectives were accomplished and, in total, sufficient, appropriate evidence exists to support the findings and our conclusions.

(U) Computer-Processed Data

(U) We did not require using computer-processed data for this review.

(U) Use of Technical Assistance

(U) We did not require technical assistance in performing this review.

(U) Prior Coverage

(U) No prior reviews have been conducted on the nuclear gravity weapon delivery parameters.

(U) Management Comments

Headquarters, U.S. Air Force Comments and Our Adjudication



UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, DC

NOV 5 2013


MEMORANDUM FOR DEPUTY ASSISTANT INSPECTOR GENERAL FOR
INTELLIGENCE AND SPECIAL PROGRAM ASSESSMENTS
AUDIT

FROM: HQ USAF/DA10
1488 Air Force Pentagon
Washington DC 20330-1488

SUBJECT: (U) Air Force Response to DoD Requirements for Nuclear Gravity Weapon Delivery
Parameters Project No. D2013-DINT02-0094.000 September 19, 2013 (S//FRD)

(U) Thank you for the opportunity to review this report. The attached comment
resolution matrix contains non-critical recommendations for USSTRATCOM and the Nuclear
Weapons Council.

(U) Please contact my POC, [REDACTED]
[REDACTED], if you have any questions.


MICHAEL R. SHOULTS, SES, USAF
Deputy ACS, Strat Deterrence & Nuc Integration

Tab:
AF/A10 Consolidated CRM

DoDIG-2014-031

14

(Decision Column is OIG Response)

OSD/IS (b)(1), 1.4(a), (b)(3), 12 USC § 2168(a)(1)(C), (b)(5)
USSTRATCOM (b)(1), 1.4(a), (b)(3), 12 USC § 2168(a)(1)(C)

SECRET//FORMERLY RESTRICTED DATA									
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance									
1.	1	E	S	vii	1	1 - 12			
2.	2		S	1	2	1			
3.	3		S	1	3	1			
4.	4		S	1	4	1			
5.	6		S	1	5	1			
							(U) Change from S//FRD to U	B61 and B83 in stockpile is U	A
							(U) Change paragraph classification (S//FRD) to (U).	(U) The list of the four B61 modifications in the active stockpile is unclassified.	A
							(U) Change paragraph classification (S//FRD) to (U).	(U) List of which aircraft carry the different B61 mods is unclassified.	A
							(C//FRD) Change paragraph classification (S//FRD) to (C//FRD).	(U) Yields of the B61 is C//FRD.	A

(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA									
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance									
6.	7	[REDACTED]	S	1	5	1	DOE (b)(3), 42 USC § 2168a(1), (C), OSD/JS, (b)(1), 1-4a, (b)(3), 42 USC § 2168a (1)(C), (b)(3), USSTRATCOM (b)(1), 1-4a, (b)(3), 42 USC § 2168a(1)(C)	DOE (b)(3), 42 USC § 2168a(1), (C), OSD/JS, (b)(1), 1-4a, (b)(3), 42 USC § 2168a (1)(C), (b)(3), USSTRATCOM (b)(1), 1-4a, (b)(3), 42 USC § 2168a(1)(C)	A
7.	8	[REDACTED]	A	1	6	5	(U) Delete extra period.	(U) Grammar	A
8.	9	[REDACTED]	S	1	7	1	(U) Change paragraph classification (S//FRD) to (U).	(U) Statement that the mod 1 is the only B83 active variant is unclassified.	A
9.	10	[REDACTED]	S	1	8	1	(U) Change paragraph classification (S//FRD) to (U).	(U) List of which aircraft carry the B83 is unclassified.	A
10.	11	[REDACTED]	S	2	1	1	DOE (b)(3), 42 USC § 2168a(1)(C), OSD/JS, (b)(1), 1-4a, (b)(3), 42 USC § 2168a(1)(C), (b)(3), USSTRATCOM (b)(1), 1-4a, (b)(3), 42 USC § 2168a(1)(C)	DOE (b)(3), 42 USC § 2168a(1)(C), OSD/JS, (b)(1), 1-4a, (b)(3), 42 USC § 2168a(1)(C), (b)(3), USSTRATCOM (b)(1), 1-4a, (b)(3), 42 USC § 2168a(1)(C)	R USSTRATCOM planners disagreed
11.	12	[REDACTED]	S	2	1	1	(C//FRD) Change paragraph classification (S//FRD) to (C//FRD).	(U) Yields of the B83 is C//FRD.	A
12.	13	[REDACTED]	S	2	3	5-7	(U) Change last sentence: "The NWCSSC reviews and approves the Military Characteristics (MCs) and Stockpile-to-Target Sequences (STSs) for major modifications of existing weapons and improved systems." Should read: "The NWCSSC reviews changes to weapon Military Characteristics (MCs) and/or the Stockpile-to-Target Sequence (STS) and for changes that may result in significant additional expenditures of funds, the NWCSSC will forward NWC for approval; lesser changes to the STS are approved by the weapon Project Officers' Group"	-NWCSSC does not have auth to approve changes to MCs or STS. IAW DoD & DOE 6X Process, Apr 19, 2000, pg 2, para 3, "The NWC will now approve modifications, alterations, changes to the STS that require a change to a weapon subsystem or component, and changes to the MCs."	R Wording in report reflects AT&L inputs

(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA								
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance								
							- The NWC reviews changes to the STS that may result in significant additional expenditures of funds, lesser changes are approved by weapon Project Officers' Group.	
13.	14	[REDACTED]	S	3	1 & 2	All	<p>(U) Recommend using MC and STS definitions / text from Joint Nuclear Weapons Publication 50-20, <i>Procedures For Preparation and Use of Military Characteristics (MC) and Stockpile-to-Target Sequence (STS) for Nuclear Weapons</i>.</p> <p>(U) Military Characteristics (MC). The MC define the DoD requirements for specific nuclear weapon/warhead that are the sole responsibility of the DOE to design develop, certify and produce. They describe required weapon yields and fuzing options, warheads operational, physical, functional, environmental, vulnerability, safety and reliability parameters; describe maintenance, monitoring, storage, handling and transportation considerations; and set forth the priority of design compliance.</p> <p>(U) Stockpile-to-Target Sequence (STS). The STS supplements the MC and defines the logistic and employment concepts, and related detailed physical environments involved in the delivery of a nuclear weapon from the stockpile to the target. These concepts should include but not be limited to shipping, storage, handling, maintenance, and delivery techniques. It also depicts the logistic flow involved in moving nuclear weapons to and from the stockpile for quality assurance testing, modification, retrofit, and the exchange of Limited-Life Components (LLCs). The STS will remain in effect until weapon retirement.</p> <p>At a minimum, delete the last sentence: "The MCs take precedence over the STS on maintenance and testing."</p>	<p>Consistency of terms with approved definitions.</p> <p>R</p> <p>We found no material difference between the Nuclear Matters definition and 50-20.</p> <p>A - sentence deleted</p>
14.	15	[REDACTED]	S	5	Draft Report Finding		<p>OSD/JS: (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a) (UIC) (b)(3), USTRATCOM: (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a)(UIC)</p>	<p>R</p> <p>We indicate this later in the report.</p>

(Decision Column is OIG Response)

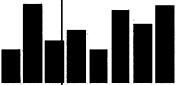
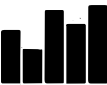
SECRET//FORMERLY RESTRICTED DATA									
ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)	
R - Reject Comment A - Accept Comment P - Partial Acceptance									
15.	[REDACTED]	S	5	1	1				
16.	[REDACTED]	S	5	2	1				
16.	[REDACTED]	S	5	2	1				

4

(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA									
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance									
								OSD/JS (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5), USSTRATCOM (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a)(1)(C)	
	17.	18	S	5	2	1			
	18.	19	S	5	2	7	(U) Remove the following portion of the sentence "...because DOD OIG, (b) (7)(E)	OSD/JS (b)(3), 42 USC § 2168(a)(1)(C), USSTRATCOM (b)(1), 1-4(a)	R
	19.	20	A	5	2	11-12	OSD/JS (b) (1), 1-4(a), (b) (3), 42 USC § 2168(a)(1)(C), (b)(5), USSTRATCOM (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a)(1)(C)	This is conjecture and should be removed.	R

(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA									
ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)	
R - Reject Comment A - Accept Comment P - Partial Acceptance									
20.		S	5	2	6				
21.		S	5	2	6				

OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA									
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance									
								OSD/JS (b) (U) 1.4(a), (b) (3), 42 USC § 2168a(d)(1)(C), (b)(5); USSTRATCO NF (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(d)(1)(C)	
	22	23	S	5	3	5			
	23	24	S	5	2	8 - 12			

(Decision Column is OIG Response)


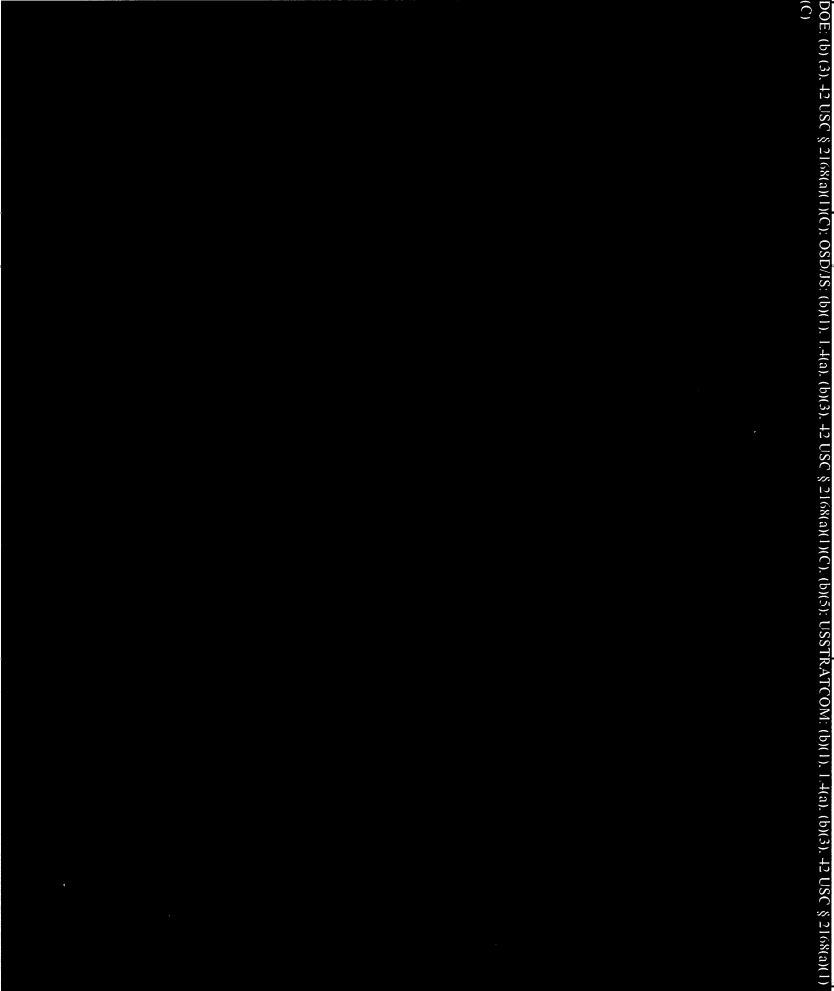


SECRET//FORMERLY RESTRICTED DATA									
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance									
24.	25	[REDACTED]	S	6	1	Sub-bullet 3		applicable for this report and should be deleted along with the previous sentence.	OSD/JS: (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a)(1)(C), (1)(C), (b)(5); USSTRATCOM: (b)(1), 1-4(a), (b)(3), 42 USC § 2168(a)(1)(C)
25.	26	[REDACTED]	S	6	3	1			OSD/JS: (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1-4(a)
26.	27	[REDACTED]	S	6	3	1			

(Decision Column is OIG Response)




SECRET//FORMERLY RESTRICTED DATA

ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	RATIONALE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance								
29.	30	[REDACTED]	S	8	-	-	OSD/JS (b)(3), 42 USC § 2168(a)(1)(C) USSTRATCOM (b)(1), 1.4(a) Points to include: - Once the DoD makes this decision, recalling this capability will be very costly.	R We disagree with all but the first statement. For all practical purposes, the capability doesn't currently exist
							- Taking action now eliminates the possibility of using this proactive reduction in nuclear capability in future START follow-on negotiations.	
30.	31	[REDACTED]	S	8	1.a			(C), (b)(3), USSTRATCOM (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)
31.	32	[REDACTED]	S	8	1.b			
32.	33	[REDACTED]	S	8	1.2.c			


(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA								
	ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	(CLASSIFICATION) COMMENT	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance								
33.	34		S	8	2			R See #31 and #11
34.	35		S	8	2	3		R See # 27
35.	36		S	8	3	2		R See # 27

(Decision Column is OIG Response)

SECRET// FORMERLY RESTRICTED DATA						
ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	DECISION (ARP)
R - Reject Comment A - Accept Comment P - Partial Acceptance						
36		S	8	3	5	<div>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</div> 
37						
37		S	8	3	8	
38						

(Decision Column is OIG Response)

SECRET//FORMERLY RESTRICTED DATA						
ITEM #	SOURCE	TYPE	PAGE	PARA	LINE	DECISION (A/R/P)
R - Reject Comment A - Accept Comment P - Partial Acceptance						
38.		S	8	4		R See # 27
						OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

Office of the Undersecretary of Defense for Acquisition, Technology and Logistics Comments



NUCLEAR, CHEMICAL, AND
BIOLOGICAL DEFENSE PROGRAMS

~~SECRET//FORMERLY RESTRICTED DATA~~

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
3050 DEFENSE PENTAGON
WASHINGTON, DC 20301-3050

NOV -8 2013

MEMORANDUM FOR DEPUTY ASSISTANT INSPECTOR GENERAL FOR
INTELLIGENCE & SPECIAL PROGRAM ASSESSMENTS
AUDIT

THROUGH: DIRECTOR, ACQUISITION RESOURCES & ANALYSIS

SUBJECT: (U) Response to Office of the Inspector General Draft Report on Review of DoD
Requirements for Nuclear Gravity Weapon Delivery Parameters (Project No.
D2013-DINT02-0094.000)

(U) Thank you for the opportunity to review the subject report. As requested, I am
providing a response to the general content and specific recommendation. My staff has reviewed
the report and finds it factually correct and appropriately classified. In response to
recommendation 2, we provide the following:

Recommendation 2:

~~(S//FRD)~~ We recommend that the Under Secretary of Defense for Acquisition, Technology and
Logistics, as chair of the Nuclear Weapons Council, [REDACTED]
[REDACTED]

Response:

~~(FOUO)~~ Concur. As the focal point for nuclear weapon activities, the Nuclear Weapons
Council (NWC) will ensure any updates to the B61 and B83 Military Characteristics and
Stockpile to Target Sequence documents are approved by the NWC Standing and Safety
Committee following submission by the weapon system Project Officers Group.

(U) I look forward to reviewing and providing feedback on the final report and any
future engagement on this topic. If you have any questions, please call me at [REDACTED] My
[REDACTED]

Andrew Weber

Derived from: OIG Report D2013-DINT02-0094.000
Declassify on: N/A

FORMERLY RESTRICTED DATA
Unauthorized disclosure subject to administrative and
criminal sanctions under 42 USC § 2163a(d)(1)(C), (b)
Dissemination: Section 144.5, 144.6, 144.7, 144.8, 144.9, 144.10, 144.11, 144.12, 144.13, 144.14, 144.15, 144.16, 144.17, 144.18, 144.19, 144.20, 144.21, 144.22, 144.23, 144.24, 144.25, 144.26, 144.27, 144.28, 144.29, 144.30, 144.31, 144.32, 144.33, 144.34, 144.35, 144.36, 144.37, 144.38, 144.39, 144.40, 144.41, 144.42, 144.43, 144.44, 144.45, 144.46, 144.47, 144.48, 144.49, 144.50, 144.51, 144.52, 144.53, 144.54, 144.55, 144.56, 144.57, 144.58, 144.59, 144.60, 144.61, 144.62, 144.63, 144.64, 144.65, 144.66, 144.67, 144.68, 144.69, 144.70, 144.71, 144.72, 144.73, 144.74, 144.75, 144.76, 144.77, 144.78, 144.79, 144.80, 144.81, 144.82, 144.83, 144.84, 144.85, 144.86, 144.87, 144.88, 144.89, 144.90, 144.91, 144.92, 144.93, 144.94, 144.95, 144.96, 144.97, 144.98, 144.99, 145.00, 145.01, 145.02, 145.03, 145.04, 145.05, 145.06, 145.07, 145.08, 145.09, 145.10, 145.11, 145.12, 145.13, 145.14, 145.15, 145.16, 145.17, 145.18, 145.19, 145.20, 145.21, 145.22, 145.23, 145.24, 145.25, 145.26, 145.27, 145.28, 145.29, 145.30, 145.31, 145.32, 145.33, 145.34, 145.35, 145.36, 145.37, 145.38, 145.39, 145.40, 145.41, 145.42, 145.43, 145.44, 145.45, 145.46, 145.47, 145.48, 145.49, 145.50, 145.51, 145.52, 145.53, 145.54, 145.55, 145.56, 145.57, 145.58, 145.59, 145.60, 145.61, 145.62, 145.63, 145.64, 145.65, 145.66, 145.67, 145.68, 145.69, 145.70, 145.71, 145.72, 145.73, 145.74, 145.75, 145.76, 145.77, 145.78, 145.79, 145.80, 145.81, 145.82, 145.83, 145.84, 145.85, 145.86, 145.87, 145.88, 145.89, 145.90, 145.91, 145.92, 145.93, 145.94, 145.95, 145.96, 145.97, 145.98, 145.99, 146.00, 146.01, 146.02, 146.03, 146.04, 146.05, 146.06, 146.07, 146.08, 146.09, 146.10, 146.11, 146.12, 146.13, 146.14, 146.15, 146.16, 146.17, 146.18, 146.19, 146.20, 146.21, 146.22, 146.23, 146.24, 146.25, 146.26, 146.27, 146.28, 146.29, 146.30, 146.31, 146.32, 146.33, 146.34, 146.35, 146.36, 146.37, 146.38, 146.39, 146.40, 146.41, 146.42, 146.43, 146.44, 146.45, 146.46, 146.47, 146.48, 146.49, 146.50, 146.51, 146.52, 146.53, 146.54, 146.55, 146.56, 146.57, 146.58, 146.59, 146.60, 146.61, 146.62, 146.63, 146.64, 146.65, 146.66, 146.67, 146.68, 146.69, 146.70, 146.71, 146.72, 146.73, 146.74, 146.75, 146.76, 146.77, 146.78, 146.79, 146.80, 146.81, 146.82, 146.83, 146.84, 146.85, 146.86, 146.87, 146.88, 146.89, 146.90, 146.91, 146.92, 146.93, 146.94, 146.95, 146.96, 146.97, 146.98, 146.99, 147.00, 147.01, 147.02, 147.03, 147.04, 147.05, 147.06, 147.07, 147.08, 147.09, 147.10, 147.11, 147.12, 147.13, 147.14, 147.15, 147.16, 147.17, 147.18, 147.19, 147.20, 147.21, 147.22, 147.23, 147.24, 147.25, 147.26, 147.27, 147.28, 147.29, 147.30, 147.31, 147.32, 147.33, 147.34, 147.35, 147.36, 147.37, 147.38, 147.39, 147.40, 147.41, 147.42, 147.43, 147.44, 147.45, 147.46, 147.47, 147.48, 147.49, 147.50, 147.51, 147.52, 147.53, 147.54, 147.55, 147.56, 147.57, 147.58, 147.59, 147.60, 147.61, 147.62, 147.63, 147.64, 147.65, 147.66, 147.67, 147.68, 147.69, 147.70, 147.71, 147.72, 147.73, 147.74, 147.75, 147.76, 147.77, 147.78, 147.79, 147.80, 147.81, 147.82, 147.83, 147.84, 147.85, 147.86, 147.87, 147.88, 147.89, 147.90, 147.91, 147.92, 147.93, 147.94, 147.95, 147.96, 147.97, 147.98, 147.99, 148.00, 148.01, 148.02, 148.03, 148.04, 148.05, 148.06, 148.07, 148.08, 148.09, 148.10, 148.11, 148.12, 148.13, 148.14, 148.15, 148.16, 148.17, 148.18, 148.19, 148.20, 148.21, 148.22, 148.23, 148.24, 148.25, 148.26, 148.27, 148.28, 148.29, 148.30, 148.31, 148.32, 148.33, 148.34, 148.35, 148.36, 148.37, 148.38, 148.39, 148.40, 148.41, 148.42, 148.43, 148.44, 148.45, 148.46, 148.47, 148.48, 148.49, 148.50, 148.51, 148.52, 148.53, 148.54, 148.55, 148.56, 148.57, 148.58, 148.59, 148.60, 148.61, 148.62, 148.63, 148.64, 148.65, 148.66, 148.67, 148.68, 148.69, 148.70, 148.71, 148.72, 148.73, 148.74, 148.75, 148.76, 148.77, 148.78, 148.79, 148.80, 148.81, 148.82, 148.83, 148.84, 148.85, 148.86, 148.87, 148.88, 148.89, 148.90, 148.91, 148.92, 148.93, 148.94, 148.95, 148.96, 148.97, 148.98, 148.99, 149.00, 149.01, 149.02, 149.03, 149.04, 149.05, 149.06, 149.07, 149.08, 149.09, 149.10, 149.11, 149.12, 149.13, 149.14, 149.15, 149.16, 149.17, 149.18, 149.19, 149.20, 149.21, 149.22, 149.23, 149.24, 149.25, 149.26, 149.27, 149.28, 149.29, 149.30, 149.31, 149.32, 149.33, 149.34, 149.35, 149.36, 149.37, 149.38, 149.39, 149.40, 149.41, 149.42, 149.43, 149.44, 149.45, 149.46, 149.47, 149.48, 149.49, 149.50, 149.51, 149.52, 149.53, 149.54, 149.55, 149.56, 149.57, 149.58, 149.59, 149.60, 149.61, 149.62, 149.63, 149.64, 149.65, 149.66, 149.67, 149.68, 149.69, 149.70, 149.71, 149.72, 149.73, 149.74, 149.75, 149.76, 149.77, 149.78, 149.79, 149.80, 149.81, 149.82, 149.83, 149.84, 149.85, 149.86, 149.87, 149.88, 149.89, 149.90, 149.91, 149.92, 149.93, 149.94, 149.95, 149.96, 149.97, 149.98, 149.99, 150.00, 150.01, 150.02, 150.03, 150.04, 150.05, 150.06, 150.07, 150.08, 150.09, 150.10, 150.11, 150.12, 150.13, 150.14, 150.15, 150.16, 150.17, 150.18, 150.19, 150.20, 150.21, 150.22, 150.23, 150.24, 150.25, 150.26, 150.27, 150.28, 150.29, 150.30, 150.31, 150.32, 150.33, 150.34, 150.35, 150.36, 150.37, 150.38, 150.39, 150.40, 150.41, 150.42, 150.43, 150.44, 150.45, 150.46, 150.47, 150.48, 150.49, 150.50, 150.51, 150.52, 150.53, 150.54, 150.55, 150.56, 150.57, 150.58, 150.59, 150.60, 150.61, 150.62, 150.63, 150.64, 150.65, 150.66, 150.67, 150.68, 150.69, 150.70, 150.71, 150.72, 150.73, 150.74, 150.75, 150.76, 150.77, 150.78, 150.79, 150.80, 150.81, 150.82, 150.83, 150.84, 150.85, 150.86, 150.87, 150.88, 150.89, 150.90, 150.91, 150.92, 150.93, 150.94, 150.95, 150.96, 150.97, 150.98, 150.99, 151.00, 151.01, 151.02, 151.03, 151.04, 151.05, 151.06, 151.07, 151.08, 151.09, 151.10, 151.11, 151.12, 151.13, 151.14, 151.15, 151.16, 151.17, 151.18, 151.19, 151.20, 151.21, 151.22, 151.23, 151.24, 151.25, 151.26, 151.27, 151.28, 151.29, 151.30, 151.31, 151.32, 151.33, 151.34, 151.35, 151.36, 151.37, 151.38, 151.39, 151.40, 151.41, 151.42, 151.43, 151.44, 151.45, 151.46, 151.47, 151.48, 151.49, 151.50, 151.51, 151.52, 151.53, 151.54, 151.55, 151.56, 151.57, 151.58, 151.59, 151.60, 151.61, 151.62, 151.63, 151.64, 151.65, 151.66, 151.67, 151.68, 151.69, 151.70, 151.71, 151.72, 151.73, 151.74, 151.75, 151.76, 151.77, 151.78, 151.79, 151.80, 151.81, 151.82, 151.83, 151.84, 151.85, 151.86, 151.87, 151.88, 151.89, 151.90, 151.91, 151.92, 151.93, 151.94, 151.95, 151.96, 151.97, 151.98, 151.99, 152.00, 152.01, 152.02, 152.03, 152.04, 152.05, 152.06, 152.07, 152.08, 152.09, 152.10, 152.11, 152.12, 152.13, 152.14, 152.15, 152.16, 152.17, 152.18, 152.19, 152.20, 152.21, 152.22, 152.23, 152.24, 152.25, 152.26, 152.27, 152.28, 152.29, 152.30, 152.31, 152.32, 152.33, 152.34, 152.35, 152.36, 152.37, 152.38, 152.39, 152.40, 152.41, 152.42, 152.43, 152.44, 152.45, 152.46, 152.47, 152.48, 152.49, 152.50, 152.51, 152.52, 152.53, 152.54, 152.55, 152.56, 152.57, 152.58, 152.59, 152.60, 152.61, 152.62, 152.63, 152.64, 152.65, 152.66, 152.67, 152.68, 152.69, 152.70, 152.71, 152.72, 152.73, 152.74, 152.75, 152.76, 152.77, 152.78, 152.79, 152.80, 152.81, 152.82, 152.83, 152.84, 152.85, 152.86, 152.87, 152.88, 152.89, 152.90, 152.91, 152.92, 152.93, 152.94, 152.95, 152.96, 152.97, 152.98, 152.99, 153.00, 153.01, 153.02, 153.03, 153.04, 153.05, 153.06, 153.07, 153.08, 153.09, 153.10, 153.11, 153.12, 153.13, 153.14, 153.15, 153.16, 153.17, 153.18, 153.19, 153.20, 153.21, 153.22, 153.23, 153.24, 153.25, 153.26, 153.27, 153.28, 153.29, 153.30, 153.31, 153.32, 153.33, 153.34, 153.35, 153.36, 153.37, 153.38, 153.39, 153.40, 153.41, 153.42, 153.43, 153.44, 153.45, 153.46, 153.47, 153.48, 153.49, 153.50, 153.51, 153.52, 153.53, 153.54, 153.55, 153.56, 153.57, 153.58, 153.59, 153.60, 153.61, 153.62, 153.63, 153.64, 153.65, 153.66, 153.67, 153.68, 153.69, 153.70, 153.71, 153.72, 153.73, 153.74, 153.75, 153.76, 153.77, 153.78, 153.79, 153.80, 153.81, 153.82, 153.83, 153.84, 153.85, 153.86, 153.87, 153.88, 153.89, 153.90, 153.91, 153.92, 153.93, 153.94, 153.95, 153.96, 153.97, 153.98, 153.99, 154.00, 154.01, 154.02, 154.03, 154.04, 154.05, 154.06, 154.07, 154.08, 154.09, 154.10, 154.11, 154.12, 154.13, 154.14, 154.15, 154.16, 154.17, 154.18, 154.19, 154.20, 154.21, 154.22, 154.23, 154.24, 154.25, 154.26, 154.27, 154.28, 154.29, 154.30, 154.31, 154.32, 154.33, 154.34, 154.35, 154.36, 154.37, 154.38, 154.39, 154.40, 154.41, 154.42, 154.43, 154.44, 154.45, 154.46, 154.47, 154.48, 154.49, 154.50, 154.51, 154.52, 154.53, 154.54, 154.55, 154.56, 154.57, 154.58, 154.59, 154.60, 154.61, 154.62, 154.63, 154.64, 154.65, 154.66, 154.67, 154.68, 154.69, 154.70, 154.71, 154.72, 154.73, 154.74, 154.75, 154.76, 154.77, 154.78, 154.79, 154.80, 154.81, 154.82, 154.83, 154.84, 154.85, 154.86, 154.87, 154.88, 154.89, 154.90, 154.91, 154.92, 154.93, 154.94, 154.95, 154.96, 154.97, 154.98, 154.99, 155.00, 155.01, 155.02, 155.03, 155.04, 155.05, 155.06, 155.07, 155.08, 155.09, 155.10, 155.11, 155.12, 155.13, 155.14, 155.15, 155.16, 155.17, 155.18, 155.19, 155.20, 155.21, 155.22, 155.23, 155.24, 155.25, 155.26, 155.27, 155.28, 155.29, 155.30, 155.31, 155.32, 155.33, 155.34, 155.35, 155.36, 155.37, 155.38, 155.39, 155.40, 155.41, 155.42, 155.43, 155.44, 155.45, 155.46, 155.47, 155.48, 155.49, 155.50, 155.51, 155.52, 155.53, 155.54, 155.55, 155.56, 155.57, 155.58, 155.59, 155.60, 155.61, 155.62, 155.63, 155.64, 155.65, 155.66, 155.67, 155.68, 155.69, 155.70, 155.71, 155.72, 155.73, 155.74, 155.75, 155.76, 155.77, 155.78, 155.79, 155.80, 155.81, 155.82, 155.83, 155.84, 155.85, 155.86, 155.87, 155.88, 155.89, 155.90, 155.91, 155.92, 155.93, 155.94, 155.95, 155.96, 155.97, 155.98, 155.99, 156.00, 156.01, 156.02, 156.03, 156.04, 156.05, 156.06, 156.07, 156.08, 156.09, 156.10, 156.11, 156.12, 156.13, 156.14, 156.15, 156.16, 156.17, 156.18, 156.19, 156.20, 156.21, 156.22, 156.23, 156.24, 156.25, 156.26, 156.27, 156.28, 156.29, 156.30, 156.31, 156.32, 156.33, 156.34, 156.35, 156.36, 156.37, 156.38, 156.39, 156.40, 156.41, 156.42, 156.43, 156.44, 156.45, 156.46, 156.47, 156.48, 156.49, 156.50, 156.51, 156.52, 156.53, 156.54, 156.55, 156.56, 156.57, 156.58, 156.59, 156.60, 156.61, 156.62, 156.63, 156.64, 156.65, 156.66, 156.67, 156.68, 156.69, 156.70, 156.71, 156.72, 156.73, 156.74, 156.75, 156.76, 156.77, 156.78, 156.79, 156.80, 156.81, 156.82, 156.83, 156.84, 156.85, 156.86, 156.87, 156.88, 156.89, 156.90, 156.91, 156.92, 156.93, 156.94, 156.95, 156.96, 156.97, 156.98, 156.99, 157.00, 157.01, 157.02, 157.03, 157.04, 157.05, 157.06, 157.07, 157.08, 157.09, 157.10, 157.11, 157.12, 157.13, 157.14, 157.15, 157.16, 157.17, 157.18, 157.19, 157.20, 157.21, 157.22, 157.23, 157.24, 157.25, 157.26, 157.27, 157.28, 157.29, 157.30, 157.31, 157.32, 157.33, 157.34, 157.35, 157.36, 157.37, 157.38, 157.39, 157.40, 157.41, 157.42, 157.43, 157.44, 157.45, 157.46, 157.47, 157.48, 157.49, 157.50, 157.51, 157.52, 157.53, 157.54, 157.55, 157.56, 157.57, 157.58, 157.59, 157.60, 157.61, 157.62, 157.63, 157.64, 157.65, 157.66, 157.67, 157.68, 157.69, 157.70, 157.71, 157.72, 157.73, 157.74, 157.75, 157.76, 157.77, 157.78, 157.79, 157.80, 157.81, 157.82, 157.83, 157.84, 157.85, 157.86, 157.87, 157.88, 157.89, 157.90, 157.91, 157.92, 157.93, 157.94, 157.95, 157.96,

Office of the Undersecretary of Defense for Policy Comments



POLICY

~~SECRET//FRD~~

UNDER SECRETARY OF DEFENSE
2000 DEFENSE PENTAGON
WASHINGTON, D.C. 20301-2000

DEC -7 2013

MEMORANDUM FOR INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE

SUBJECT: (U) Response to Review of DoD Requirements for Nuclear Gravity Weapon
Delivery Parameters

(U) We have reviewed the report, Review of DoD Requirements for Nuclear Gravity
Weapon Delivery Parameters, and provide here the response requested from Policy. The report
has one finding, listed below, that requires a response from Policy:

~~SECRET//FRD~~ 1c. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)
(3), 42 USC § 2168(a)(1)(C)

(U) Policy concurs with finding 1c of the report and will clarify this change in
requirements in the next update to the Nuclear Annex of the Guidance for the Employment of the
Force (GEF Annex B).

(U) The report also requests a review of the classification of the report. Policy concurs
with the classification of Secret//Formerly Restricted Data.

Jim Miller
James N. Miller

~~Derived From Multiple Sources~~
~~Declassify on: FRD Exempt (Click Here to Edit Declassification Markings)~~

~~SECRET//FRD~~

Commander, U.S. Strategic Command Comments



~~SECRET//PRD~~

DEPARTMENT OF DEFENSE
UNITED STATES STRATEGIC COMMAND

NOV 25 2013

Reply To:
USSTRATCOM/J8
901 SAC BLVD STE 2E10
OFFUTT AFB NE 68113-6800

MEMORANDUM FOR DEPARTMENT OF DEFENSE, DEPUTY ASSISTANT INSPECTOR GENERAL FOR INTELLIGENCE AND SPECIAL PROGRAM ASSESSMENTS AUDIT

Subject: (U) Review of DoD Requirements for Nuclear Gravity Weapon Delivery Parameters Project No.
D2013-DJNT02-0094.000 - USSTRATCOM Responses to Findings and Recommendations

1. (U) Thank you for the opportunity to comment on the subject DoD IG Review. Attached you will find USSTRATCOM responses to the six findings and three recommendations contained in the report. A brief summary of responses to recommendations is below:

a. ~~(S//PRD)~~ Recommendation 1a: Agree. USSTRATCOM memorandums to the Air Force and National Nuclear Security Administration state these options must be required in the future. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

b. ~~(S//PRD)~~ Recommendation 1b: Disagree. Although the current Concept of Operations memorandums to the Air Force and National Nuclear Security Administration state these options must be required in the future. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

c. ~~(S//PRD)~~ Recommendation 1c: Agree. USSTRATCOM will work with OSD (P) to ensure that the Military Characteristics requirement in the event that this capability is required in the future. OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)

2. (U) USSTRATCOM position on testing and retention of DoD OIG: (b)(7)(E) options were documented in USSTRATCOM/J8 memorandums dated 29 Apr 13 and 28 Aug 13. These memorandums are attached for your reference.

Kenneth S. Callicut
KENNETH S. CALLICUTT
SES, DAF
Director, Capability and Resource Integration

Attachments:

- Tab A: ~~(S//PRD)~~ USSTRATCOM Response to DoD IG Report Findings
- Tab B: ~~(S//PRD)~~ USSTRATCOM Response to DoD IG Report Recommendations
- Tab C: ~~(S//PRD)~~ USSTRATCOM Comment Resolution Matrix - DoD IG Report
- Tab D: ~~(S//PRD)~~ USSTRATCOM/J8 memo, 29 Apr 13
- Tab E: ~~(S//PRD)~~ USSTRATCOM/J8 memo, 28 Aug 13

Classified by: 2014-03-15, Reg 62
Declassify on: OADR

~~SECRET//PRD~~

~~FORMERLY RESTRICTED DATA~~
This document contains information that is defined by the Atomic Energy Act of 1954, as amended, as restricted data in further dissemination. Unrestricted disclosure is subject to administrative and contractual controls.

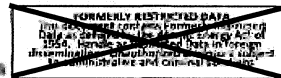
~~SECRET//FORMERLY RESTRICTED DATA~~

Tab A: USSTRATCOM Comments / Response to DoD IG Findings: DODIG 2013-0094.000

Finding	OPR	Comment / Response
OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J8 and J3N	<p>DISAGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p> <p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>
OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J8 and J3N	<p>DISAGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p> <p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>
OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J3N	<p>DISAGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p> <p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>

Classified by [redacted]
Declassify on: [redacted]

~~SECRET//FORMERLY RESTRICTED DATA~~



SECRET// FORMERLY RESTRICTED DATA		
Finding	OPR	Comment / Response
OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J8	<p>AGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p> <p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>
(U) Air Force maintains equipment and aircrew qualification only for tests	J3N	<p>DISAGREE</p> <ul style="list-style-type: none"> • (U) A DoD OIG: (b)(7)(E) capability is not required to support gravity nuclear weapon testing / employment • (U) Minimum delivery altitude for USSTRATCOM: (b)(1), 1.4(a), DoD OIG: (b)(7)(E) which does not require DoD capability • (U) ALCM Plus Count Captive Carry (PCCC) assurance flight tests are conducted at minimum safe altitude of DoD OIG: (b)(7)(E) • (U) Although DoD capability is not required for gravity nuclear capability, it may still be required for conventional missions and/or ALCM nuclear missions, which are outside the scope of this DoDIG Report <p>Actions Complete: Recommend removing finding from IG report, and evaluating DoD requirement for conventional and ALCM missions separately</p>
OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J8	<p>AGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p> <ul style="list-style-type: none"> • (U) USSTRATCOM testing of these options meets intent of Finding by allowing future flight testing to apply resources to more operationally relevant delivery options and flight profiles, making better use of AF and NNSA test resources. <p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>
SECRET// FORMERLY RESTRICTED DATA		

~~SECRET// FORMERLY RESTRICTED DATA~~

Tab B: USSTRATCOM Comments / Response to DoD IG Recommendations: DODIG 2013-0094.000

Recommendation Number	DoD IG Recommendation Verbiage	OPR	Comment / Response
1a			<p>AGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p>
	OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J8	<p>• (U) Ceasing testing of these options meets intent of DODIG Review recommendation by allowing future flight testing to focus on more operationally relevant delivery options and flight profiles, making better use of limited AF and NSA test resources</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p>
			<p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>
1b			<p>DISAGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p>
	OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J8	<p>• (U) Memos acknowledged and accepted extended time period to re-establish capability</p> <p>• (U) Maintaining MC requirement preserves future flexibility</p>
			<p>Actions complete: 29 Apr 13 (B83) / 28 Aug 13 (B61-7)</p>
1c			<p>AGREE</p> <p>OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)</p>
	OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C), (b)(5); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)	J3N	<p>• (U) When GEF updated, USSTRATCOM will work through POG to update weapon MC and STS</p>
			<p>Actions complete: ECD 5 Jan 14</p>

~~SECRET// FORMERLY RESTRICTED DATA~~

~~SECRET//FRD~~

Tab C: USSTRATCOM Comments Resolution Matrix: DoDIG 2013-0094.000

DoDIG 2013-0094.000: Review of DoD Requirements for Nuclear Gravity Weapon Delivery Parameters
USSTRATCOM Comments**Comment Resolution Matrix****CRITICAL:**

A critical comment indicates non-concurrence with the document until the comment is satisfactorily resolved.

MAJOR:

A major comment is a significant concern that may result in a non-concurrence with the document.

SUBSTANTIVE:

A substantive comment is provided because a section in the document appears to be or is potentially unnecessary, incorrect, misleading, confusing, or inconsistent with other sections. A substantive comment not resolved could result in a critical comment. Additionally, multiple substantive comments could result in a critical comment and non-concurrence of the document.

ADMINISTRATIVE:

An administrative comment addresses what appears to be a typographical, format, or grammatical error.

Item#	ORG	Pg	Line	Class (U) or (S)	Type C/M/S/A	Comments	Rationale	Decision
1.	USSTRATCOM/J38	1	17	SECRET	S	DOE: (b) (3), 42 USC § 2168(a)(1)(C); OSD/JS: (b)(1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b) (3), 42 USC § 2168(a)(1)(C)		A
2.								
3.								
4.								
5.								

1

~~SECRET//FRD~~



~~SECRET//FORMERLY RESTRICTED DATA~~
DEPARTMENT OF DEFENSE
UNITED STATES STRATEGIC COMMAND

29 Apr 13

Reply To:
USSTRATCOM/IS
901 SAC BLVD STE 2E10
OFFUTT AFB NE 68113-6800

MEMORANDUM FOR THE COMMANDER, AIR FORCE NUCLEAR WEAPONS CENTER

Subject: (U) USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(1)(C) Requirement

1. (S//FRD) Current USSTRATCOM Concept of Operations (CONOPs) OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(1)(C)
2. (S//FRD) Request the Air Force and National Nuclear Security Administration (NNSA) OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(1)(C)
3. (S//FRD) Although current USSTRATCOM CONOPs does not require re-establishing either the OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168a(1)(C) Military Characteristics requirement in the event that this capability is required in the future.
4. [REDACTED]

Kenneth S. Callicutt
KENNETH S. CALLICUTT
SES, DAF
Director, Capability and Resource Integration

Copy To:
HQ NNSA/NA-12/NA-122.3/NA-122.4
AFGSC/A5/A8
AFNWC/CA
AFNWC/NCW DoD OIG: (b)(6)
AFNWC/NCWIP DoD OIG: (b)(6)

"Classified by: GFW/Sc/ing/ta"
"Declassify on: NND 680000"

~~FORMERLY RESTRICTED DATA~~
This document contains information restricted by the Atomic Energy Act of 1954. Handling or transmission of this information is subject to administrative and technical controls.

~~SECRET//FORMERLY RESTRICTED DATA~~



~~SECRET//FRD~~
DEPARTMENT OF DEFENSE
UNITED STATES STRATEGIC COMMAND

AUG 28 2013

Reply to:
USSTRATCOM J8
901 SAC BLVD STE 3E10
OFFUTT AFB NE 68113-6800

MEMORANDUM FOR THE COMMANDER, AIR FORCE NUCLEAR WEAPONS CENTER

Subject: (U) ~~USSTRATCOM (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)~~ Requirement

1. ~~(S//FRD)~~ Current USSTRATCOM Concept of Operations (CONOPs) ~~OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)~~
~~[REDACTED]~~
2. ~~(S//FRD)~~ Request the Air Force and National Nuclear Security Administration (NNSA) ~~OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)~~
~~[REDACTED]~~
3. ~~(S//FRD)~~ Although current USSTRATCOM CONOPs does not require re-establishing either ~~OSD/JS: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C); USSTRATCOM: (b)(1), 1.4(a), (b)(3), 42 USC § 2168(a)(1)(C)~~ Military characteristics requirement in the event that this capability is required in the future
4. (U) This memorandum is applicable only to the ~~USSTRATCOM: (b)(3), 42 USC § 2168(a)(1)(C)~~ delivery options. USEUCOM and USAFF must provide inputs for the B61-3/4/10 delivery options. ~~[REDACTED]~~

Kenneth S. Callicut
KENNETH S. CALLICUT
SP5, DAF
Director, Capability and Resource Integration

Copy To:
HQ NNSA/NA-12/NA-122.3/NA-122.4
AFGSC/A5/A8
AFNWC/CA
AFNWC/NCW/DoD OIG: (b)(6)
AFNWC/NCW/DoD OIG: (b)(6)

~~Do not release this information to the public without proper authorization.~~

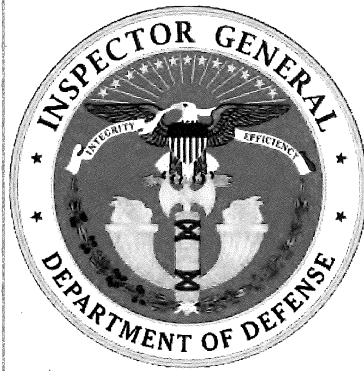
~~FORMERLY RESTRICTED DATA~~
~~This document contains information that is restricted by the Atomic Energy Act of 1954, as amended, and is exempt from automatic downgrading and declassification.~~

~~SECRET//FRD~~

(U) Acronyms and Abbreviations

DOE	Department of Energy
NNSA	National Nuclear Security Administration
NWC	Nuclear Weapons Council
NWCSSC	NWC Safety and Security Committee
POG	Project Officers Group
USSTRATCOM	United States Strategic Command

~~SECRET//FORMERLY RESTRICTED DATA~~



~~SECRET//FORMERLY RESTRICTED DATA~~

Whistleblower Protection

U.S. DEPARTMENT OF DEFENSE

The Whistleblower Protection Enhancement Act of 2012 requires the Inspector General to designate a Whistleblower Protection Ombudsman to educate agency employees about prohibitions on retaliation, and rights and remedies against retaliation for protected disclosures. The designated ombudsman is the DoD IG Director for Whistleblowing & Transparency. For more information on your rights and remedies against retaliation, go to the Whistleblower webpage at www.dodig.mil/programs/whistleblower.

For more information about DoD IG reports or activities, please contact us:

Congressional Liaison
703.604.8324

DoD Hotline
800.424.9098

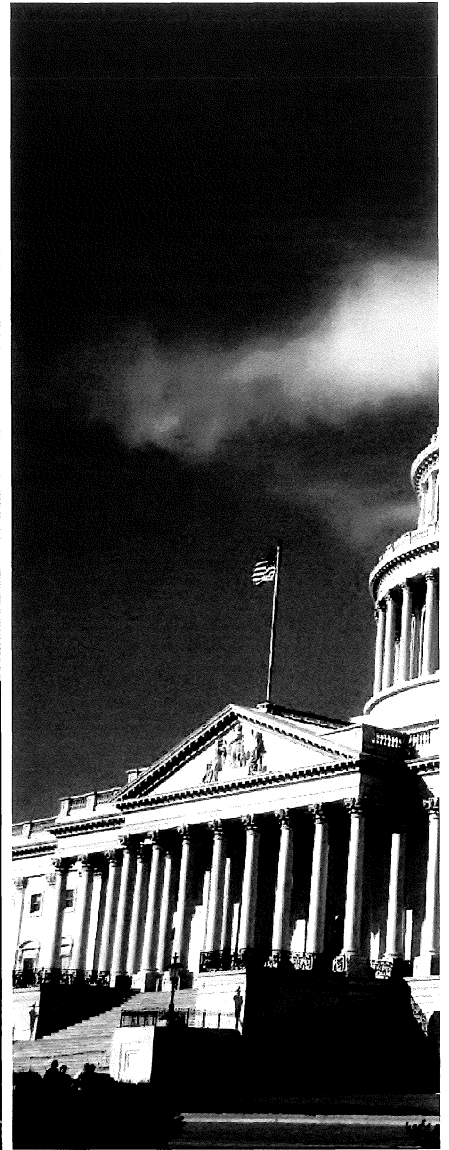
Media Contact
Public.Affairs@dodig.mil; 703.604.8324

Monthly Update
dodigconnect-request@listserve.com

Reports Mailing List
dodig_report-request@listserve.com

Twitter
twitter.com/DoD_IG

SECRET//FORMERLY RESTRICTED DATA



Department of Defense | INSPECTOR GENERAL

4800 Mark Center Drive
Alexandria, VA 22350-1500
www.dodig.mil
Defense Hotline 1.800.424.1500



SECRET//FORMERLY RESTRICTED DATA