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CONTROL SYSTEM~~(S)~~ NATIONAL RECONNAISSANCE OFFICE
WASHINGTON, D.C.

OFFICE OF THE DEPUTY DIRECTOR

4 March 92

MEMORANDUM FOR

(b)(3)

SUBJECT: Other Gulf War Air Power Survey (GWAPS) Areas of Interest to the National Reconnaissance Office (NRO) ~~(S/TK)~~

~~(S/TK)~~ Detailed below by GWAPS Task Force Element are potential areas in which the NRO may be able to provide input to study efforts. These areas were identified based on a review of the January 26, 1992 "close-hold" GWAPS Task Force Outline.

a. (U) Force I: Statistics Volume

(1) (U) Chapter 3, Section 3-2: US & Coalition Order of Battle for DESERT SHIELD

(2) (U) Chapter 4, Section 4-2: US & Coalition Order of Battle for DESERT STORM (including number and type of space systems)

COMMENT: ~~(S/TK)~~ NRO support (numbers and types of space systems) should be included in a classified annex to the Statistics Volume. There should additionally be reference in the Statistics Volume to the existence of additional information in a separate classified Space Annex.

b. (U) Task Force II: Weapons, Tactics & Training Volumes

(1) (U) Chapter 9, Section 9-3: This section concerns the contribution of theater sensors to the strategic air campaign, 16-17 Jan to 1 March 1991.

COMMENT: ~~(S/TK)~~ There should be a classified annex to this section which deals with the contributions of the NRO to the air campaign or, at a minimum, reference to the classified Space Annex for additional information.

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(2) (U) Chapter 10, Section 10-3: This section discusses search and rescue.

COMMENT: ~~(S/TK)~~ A classified annex detailing the NRO role in CSAR would be appropriate or, at a minimum, a reference to the classified annex to the Space Volume.

(3) (U) Chapter 11, Section 11-3: This section makes reference to SCUD hunting as one of the studies under "Preparing the Battlefield."

COMMENT: (U) Here either a reference to the classified annex to the Space Volume or a separate classified annex to the SCUD study is required.

(4) (U) Appendix C: Special Topics:

COMMENT: ~~(S/TK)~~ Several topics may be appropriate to include NRO support to Special Operations and the role of the NRO with respect to new weapons and tactics employed during DS/DS

c. (U) Task Force III: Logistics

COMMENT: ~~(S/TK)~~ The Space Volume and the NRO separate annex are included within Task Force III.

d. (U) Task Force IV: Command, Control, and Organization

(1) (U) Chapter 3, Section 3-4: This section will describe the build-up of required communications for DS/DS.

COMMENT: ~~(S/TK)~~ The NRO could contribute a small classified annex to this section detailing communications support initiatives.

(2) (U) Chapter 3, Section 3-5: This section will address the establishment of intelligence organizations and equipment in theater.

COMMENT: ~~(S/TK)~~ NRO work supporting the Service TENCAPS and theater/component intelligence organizations could be included in a separate classified annex.

e. (U) Task Force V: Planning the Gulf War Air Campaign

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(1) (U) Chapter 10 on Intelligence and Planning:

COMMENT: ~~(S/TK)~~ The role of the NRO in supporting intelligence planning, targeting, and BDA requirements necessary for the prosecution of the air war should be germane to this chapter. This discussion would be included in a classified annex.

f. (U) Task Force VI: Operations and Effects

(1) (U) DESERT STORM Air Operations Volume

(a) (U) Chapter 3, Section 3-2: BDA, Weather and Targeting Issues.

(b) (U) Chapter 3, Section 3-4: SCUDs and Shelter-busting.

(c) (U) Chapter 4, Section 4-5: Intelligence in the Air Campaign.

COMMENTS: ~~(S/TK)~~ All of these sections are germane to NRO operations and require a separate classified annex or a reference to the classified space annex.

(2) (U) Air Power Effects and Effectiveness Volume

(a) (U) Chapter 8, Section 8-3: Intelligence and BDA

COMMENTS: ~~(S/TK)~~ The impact of NRO systems on the effectiveness of air power is a likely topic that could be discussed in a separate annex to this volume.

~~(S/TK)~~ Recommend that the undersigned (or) be provided detailed outlines of all GWAPS volumes in order to suggest additional areas in which we could contribute relevant information.

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Colonel, USA

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