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Classification

TASKING CONTROL FORM

OFFICE OF ORIGIN	DOCUMENT DATE	DOCUMENT NO.		
(b)(3) 10 USC	DATE RECEIVED 02/01/91-1540	DATE TASKED 02/01/91-1540	DATE REVISED	CONSUMER CODE

DIA SUSPENSE: 02/02/91-1800 TASKING CONTROL NO: 4084

ORIGINATOR'S SUSPENSE: _____ COLLAB SUSPENSE: _____

COORDINATION SUSPENSE: _____

SUBJECT **IRAQI SUPERGUN - PROJECT BABYLON**

INTERNAL ROUTING

PREVIOUS ACTION OFFICER

ACTION OICC	COLLABORATION (b)(3) 10 USC 424	COORDINATION (b)(3) 10 USC 424	INFORMATION (b)(3) 10 USC 424

FORMATION AND GUIDANCE

Declassified Under Authority of the
 Interagency Security Classification
 Appeals Panel, E.O. 13526, sec. 5.3(b)(3)
 ISCAP Appeal No. 2015-002, Doc. 14
 Declassification Date: April 12, 2024

SUB ELEMENT INSTRUCTIONS

(b)(3) 10 USC 424

SIGNATURE

RETURN WITH COMPLETED ACTION TO:

FINAL DISPOSITION

THIS FORM BECOMES

UPON REMOVAL OF ATTACHMENT(S)

ITF COORDINATION CONTROL FORM

Subject: 17 SUPERGUN

Requester: (b)(3) 10 USC 424 Requester's Suspense: 06/1680

Please sign and return to ITF Ops Officer when coordination is complete *

Ops Officer	Comments
Special Advisor	<p>This is not satisfactory. Needs to be in background paper format. Should use the revised paper released by ITF on 23 Jan for Gen. Graves. Needs to be coordinated with (b)(3) 10 USC 424 so that total imagery read-out can be interpreted (b)(3) 10 USC 424 etc doesn't believe we have a site in the Hamrin Mtn -)</p> <p>text 6 Feb 23/7</p>
Senior Analyst	
JIC/BAT	
Team Commander	
(b)(3) 10 USC 424	
RADM McConnell, J-2	
(b)(3) 10 USC 424	
<p>DICC Returned for rework. Attached is a copy of paper for Gen Graves noted above.</p>	
OTHER	

*Analysts, Note: Work out any questions, disagreements, directly with the requester. Note only here corrections on the draft (no...)

Went final at: _____ Delivered to: _____

FEB 06 '91 22:20

P.4

TASKING CONTROL FORM

OFFICE OF ORIGIN (b)(3) 10 USC 424	DOCUMENT DATE	DOCUMENT NO.	
	DATE RECEIVED	DATE TABED	DATE REVISED
			CONSUMER CODE

DIA SUSPENSE: Wed 16 Feb 91 TASKING CONTROL NO.: YOSY
 ORIGINATOR'S SUSPENSE: 1600 COLLAS SUSPENSE: _____
 COORDINATION SUSPENSE: _____

SUBJECT
Iraqi "SUPERGUN" - Project Babylon (S)

INTERNAL ROUTING			PREVIOUS ACTION OFFICER
ACTION <u>ITF</u>	COLLABORATION (b)(3) 10 USC 424	COORDINATION	INFORMATION (b)(3) 10 USC 424 <u>J2</u>

ACTION AND MESSAGE:
ITF Provide Background Paper (25X1, 6)
 covering known/suspected data on background, current status and expected use/developments of SUPERGUN.

SUB ELEMENT INSTRUCTIONS
 Paper is to be provided to (25X1, 6)

Review recent reports from (b)(3) 10 USC 424
Be sure to
 (b)(3) 10 USC 424

THIS FORM BECOMES _____ UPON REMOVAL OF ATTACHMENT(S)

S:\DATA\SHARED\ITF\TASKERS NAME: TASKER4.054
 RESPOND TO TASK 4054
 PASS TO THE ITF OPS OFFICER
 06 FEB 91 1945 SENT BY: PAT

DISK #19

~~SECRET~~

Subject: Assessment of Iraqi 350 MM Supergun

1. (S/NF) One of the 350 mm bore Iraqi Superguns, developed by the late Dr. Gerald Bull, may be located in the Jabal Hamrin mountains between KIRKUK and TIKRIT. Approximate coordinates for this site is 34.55.18N, 043.55.11E. A possible command bunker may be located at approx. 34.54.06N, 043.54.43E. Existing imagery, analyzed by FSTC and (b)(3) 10 USC 424 personnel, is insufficient to permit conclusive verification of reporting identifying a fixed 350 mm supergun at this location. 25X1

25X1

350 mm supergun is located at the Hamrin Mountain site.

2. (S/NF) All information on this gun system 25X1 is a hybrid system for gun launching missiles. Iraq is believed to have fired this gun system in both captive and rail mounted tests. It is also known that Iraq was supplied with solid fueled rocket motors under contracts associated with this program. The missile which was to be launched from this system was designed to use inertial guidance, and may have been intended to use inflight update using star sensors or global positioning systems. It is not known if these latter subsystems were supplied to Iraq.

3. (S/NF) Intelligence has identified the 350 mm supergun project with the Iraqi BW program. The Iraqi nuclear program is not capable of developing a nuclear explosive which could fit the weight and dimensional constraints imposed on the projectiles which could be fired from this gun. This gun would be capable of firing conventional high explosive, ICM, chemical and biological weapons. However, the small size of the payload would make all but the BW warheads terror weapons with little military significance. 25X1

25X1

4. (S/NF) Iraq has been pursuing the gun launched missile system for several years. Iraq is also known to have all the necessary components for at least 2, and possibly as many as 5, 350 mm guns which would be the launch platform for these missile. The range of this gun, firing a 400 kg missile, may be more than 1000 km, according to design information. Because of the small size and high speed of the missiles, this 350 mm gun system may be harder to counter than Scud missiles or aircraft.

5. (C) This paper has been coordinated with 25X1 and FSTC.

6. (U) POC: (b)(3) 10 USC 424

~~SECRET~~

Subject: 350mm "Supergun" (U)

1. (S/NF) The 350mm "Supergun" is believed to be a hybrid system for gun launching solid fueled missiles. It is based on technology of the late '60s which came out of Project HARP, a joint U.S.-Canadian venture to fire payloads from guns into space. Design information indicates that a 400kg missile fired from this gun could have a range in excess of 1000km. The missile involved was designed to use inertial guidance, and may have been intended to use inflight update using star sensors or global positioning systems.

2. (S/NF) Iraq has an ongoing weapon development program associated with this system. 25X1

25X1 Components for at least 2, and possibly as many as 5, 350mm guns have been identified in Iraq. Additionally, Iraq is believed to have fired this gun system in both captive and rail mounted tests using sabot rounds. It is also known that Iraq was supplied with an unknown number of solid fueled rocket motors under contracts associated with the developmental efforts. 25X1

25X1

3. (S/NF) 25X1 a 350mm bore Supergun may be located in the Jabal Hamrin mountains between Kirkuk and Tikrit. 25X1

4. (U) POC: (b)(3) 10 USC 424

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S:\DATA\SHARED\ITF\TASKERS\TASKER4.054
RESPOND TO TASKER 4054
PASS TO THE IRF OFFICER
07 FEB 91, 1320 SENT BY:TL

This paper must be coordinated with (b)(3) 10 For proper release authority.
Primary author for this document is (b)(3) 10 USC 424
(b)(3) 10

Background paper 25X1, 6

Subject: Iraq's 350 mm "SUPERGUN" (U)

1. (U) PURPOSE: To provide _____ with background information on the state of development, capabilities and potential use of the Iraqi 350 mm gun launch missile system.

2. (U) POINTS OF MAJOR INTEREST:

a. (S) The 350 mm "Supergun" project is believed to be a hybrid system for gun launching solid fueled missiles. It is based on technology of the late 60's which came out of Project Harp, a joint U.S.-Canadian venture to fire payloads from guns into space. Design information indicates that a 400 kg missile fired from this gun could have a range in excess of 1000 km. The missile involved was designed to use inertial guidance, and may have been intended to use inflight update using star sensors or global positioning systems.

b. (S) Iraq has an ongoing weapon development program associated with this system. 25X1
25X1 Components for at least 2, and possibly as many as 5, 350 mm guns have been identified in Iraq. Additionally, Iraq is believed to have fired this gun system in both captive and rail mounted tests using sabot rounds. It is also known that Iraq was supplied with an unknown number of solid fueled rocket motors under contracts associated with the developmental efforts. 25X1
25X1

c. (S) At this time there is no confirmed locations for any of the guns. A 60 meter rail car was constructed for the test firing of this gun system, and is a possible candidate for any attempted operational use of this gun launch system. Locations for a fixed gun emplacement are expected to be in a mountainous area, allowing concealment and protection of this gun until it is used.

3. (U) EXPECTED DEVELOPMENTS:

a. (S) The Iraqis will have to integrate several systems, including solid fueled missiles, biological or chemical warheads, and gun launch missile technology, into a single weapon system and fire it from an operational site.
25X1

b. ~~(S)~~ The Iraqis are known to have the necessary components for the full assembly of several 350 mm guns capable of ranging targets at distances from 400 to 1000 km, depending on the type of projectile/missile fired. It is believed that this weapon, if used, will likely be employed with special warheads; possibly biological warheads. It is assessed that this weapon will be used in a limited engagement, possibly using BW weapons, in a last effort to inflict casualties and damage on coalition forces and possible civilian targets within its range.

4. (U) ~~(S)~~ Any intelligence information that would aid in the location of any of these guns should be exchanged with ⁴²⁴(b)(3) 10 USC for integration into the assessment and planning data being provided to CentCom.

The author of this background paper is ^{(b)(3) 10 USC 424} [REDACTED] commercial
(b)(3) 10 USC 424 [REDACTED]

TASK RECORD OF ACTIONS

DAY/TIME

RECORD OF ACTION (notes, problems)

2.1.91 1655

To (b)(3) 10 USC 424

SA

2.6.91 2000 On show + closed with ITF,

(b)(3) 10 USC 424

~~070130~~ Feb 91 Reopened by ITF (per special instructions) for reformatting and updating. (P)

~~070745~~ Feb 91

(b)(3) 10 USC 424

picked up

Excluded list review.

(P)

2.7.91 1345 Once the case is ready for review, the report should be ITF reviewed. It would be better to have a report prepared in a brief case.

~~071400~~ Feb 91 R.G. Report sent to ITF + closed w/ (b)(3) 10 USC 424

2.8.91 1220 Closed with ITF directly with (b)(3) 10 USC 424

(b)(3) 10 USC 424

ITF reopened (P)