



Department of Defense

OPERATION GRAY FIRE

**Task Force 153 – Target Package 02
FRAGORD : 1740 - MR37**

FEBRUARY 19 2024

FOR SIMULATION PURPOSE ONLY

131ST - ALWAYS ON TARGET

OPERATION GRAY FIRE**Time Zone Used :** LOCAL TIME**From :** COMBINED AIR OPERATIONS CENTER**To :** PATROL LEADERS**Annexes :** ATO // AO // TG1 // TG2 // TG3**Risk level :** LOW**A1 : Situation**

The Houthis, backed by Iran, are severely disrupting maritime traffic in the region. The United States and its allies have decided to carry out strikes on all Houthi territory in Yemen in order to reduce their military potential.

A2 : Weather**METAR:** 180600Z 13504KT 9999 SCT111 15/M00 Q1013**SUNRISE:** 0655 LT**A3 : Enemy forces****A31 : Houthis**

The Houthi movement is a rebel group in Yemen. Their army, known as the Houthi forces, is engaged in armed conflict with government forces backed by a Saudi-led coalition. With massive support from Iran, they are able to surprise with modern equipment.

A32 : Iranian Revolutionary Guard Corps

The elite corps of the Iranian government operates throughout the Yemen, and in particular ensures all material logistics. Composed only of ground forces.

B1 : Mission

This mission will involve night strikes on several military sites in depth in the capital, Sanaa. A team will be tasked with engaging and destroying any SAM systems that go off. (optional)

C1 : Execution**C11 : Weapons**

Follow annexes. JDAMs will operate with PPS-enabled GPS guidance. No GPS spoofing/jamming. **Maximum GDOP expected between 0524LT and 0647LT.**

C12 : Intelligence

- The enemy knows it's under threat and has spread its forces far and wide, particularly in urban areas. Anything mobile is regularly moved. Don't forget, the Houthis have been at war for 10 years, so you have to be careful.

C13 : Anti-aircraft defense

Intel assessment: Source rated B2. Officially, the Houthis no longer have complex anti-aircraft systems, but the Iranians have supplied HQ7 anti-aircraft systems. Number and position undetermined. 2 SA8s from Yemeni army stocks can also be deployed. And an SA6 system is active near Sanaa airport.(optional)

C14 : ROE

- 2-factors IFF: Electronic + one condition : Visual confirmation / AIC declares hostile / Hard lock
- Avoid damage to civil infrastructure as much as possible.
- Do not jettison weapons or fuel tank on civilian areas.

C15 : Interception

N/A.

C16 : Civilian traffic

N/A.

C17 : Support

TEXACO : TANKER 245.000 / FL250 PROBE

SHELL : TANKER 246.000 / FL260 BOOM

FOCUS : AWACS 251.000

C16 : Remarks

- **You'll need to make all the strikes at once. RTB whatever the result.**
- **SA6 at Sanaa airport will only be activated if a SEAD team is present.**

C18 : Compliance

The operation is justified by the need to counter Houthi attacks on U.S. and allied interests in the Red Sea, which threaten maritime security and regional stability. In accordance with international law and the right to self-defense under Article 51 of the UN Charter, U.S. forces, operating under CENTCOM command, are authorized to neutralize hostile threats while minimizing collateral damage and preventing escalation.

C19 : Domestics

Kish AP : 250.650 / RW 27 L or R (Divert for Navy)

CVN75 : 308.000 / 75X / CASE III DEP/REC

C20 : Operational Security

- **IFF Activation:** Transponders must remain off.
- **Open communications** in transit; radio discipline **only near the target area.**
- **Tanker TACAN Silence:** Air-to-air refueling assets will operate with TACAN off to reduce detectability.
- **Carrier TACAN Activation:** The carrier will activate its TACAN at 0630LT to provide navigation support. Plan recovery accordingly, as TACAN will remain off before this time.

C21 : What if ?

To be discussed at the oral briefing. Anticipation of situations with measures to be taken.

AIR TASKING ORDER**BOMBER TEAM ALPHA**

C/S	UNITS	TASK	TGT	ORD	T/O	TOT	BL
ROMAN 5	4xF/A-18C	STRIKE	A/B/C	4xG31	0510	0600	32
BUD 2	2xF15E	STRIKE	A/B/C	6xG31	0510	0600	34
BANSHEE 4	4xF16C50	STRIKE	A/B/C	2xG31	0510	0600	30

SEAD TEAM ALPHA (Optional)

C/S	UNITS	TASK	TGT	ORD	T/O	TOT	BL
PANTHER 1	4xF16C50	SEAD	SA6	2xG38	0510	0600	30

CODEWORDS

Obsidian : Final clearance for strike.

Foxglove : Abort for strike.

Marlin : On station; lead element has arrived in the AO.

Rolex : TOT adjustment; Rolex +5 = Delay TOT by 5 minutes, Rolex -3 = Move TOT earlier by 3 minutes.



Mission Routing Overview

Target Package 02

Houthi Military Assets

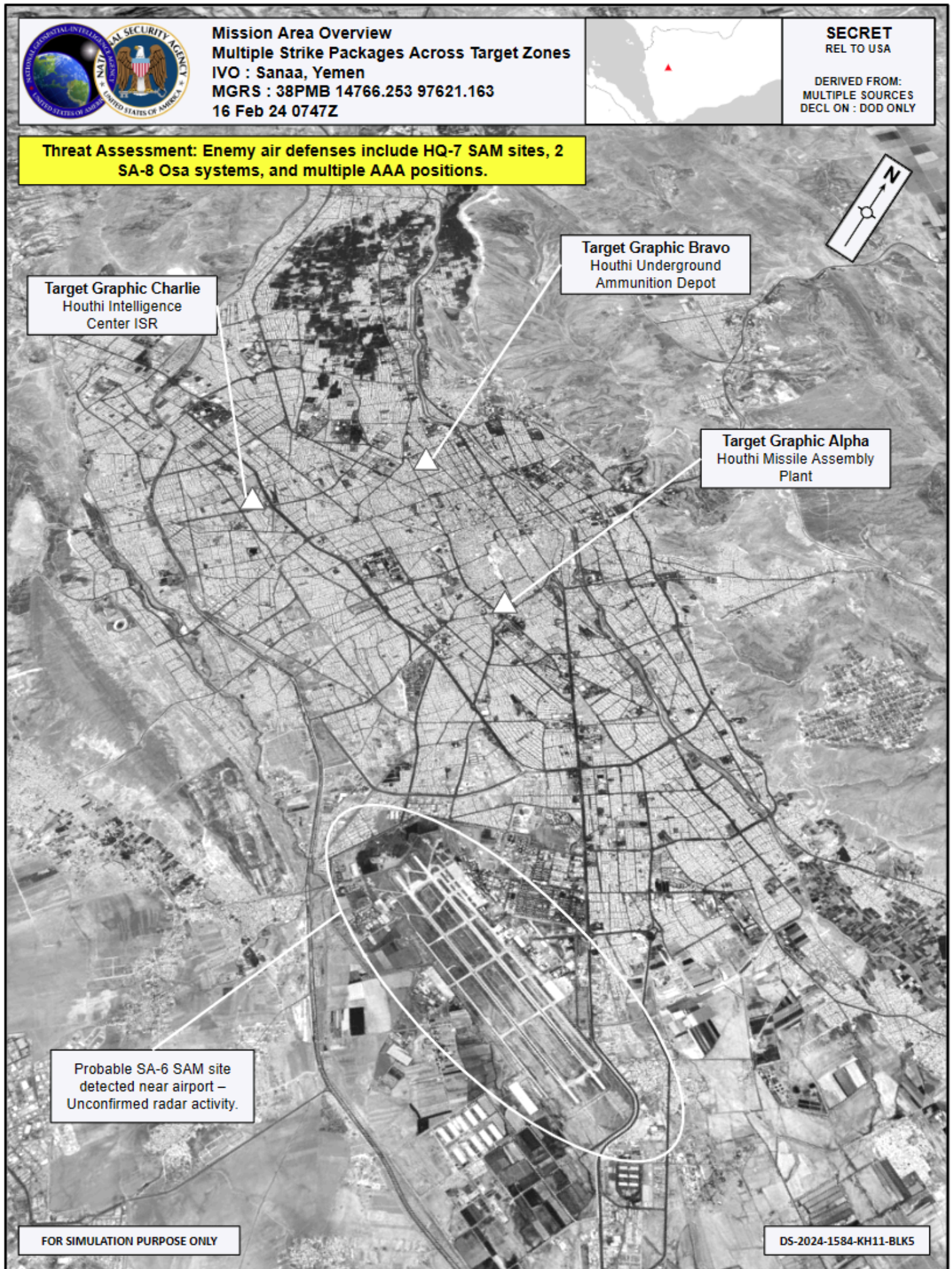
AO: Sanaa Region - High Threat Environment

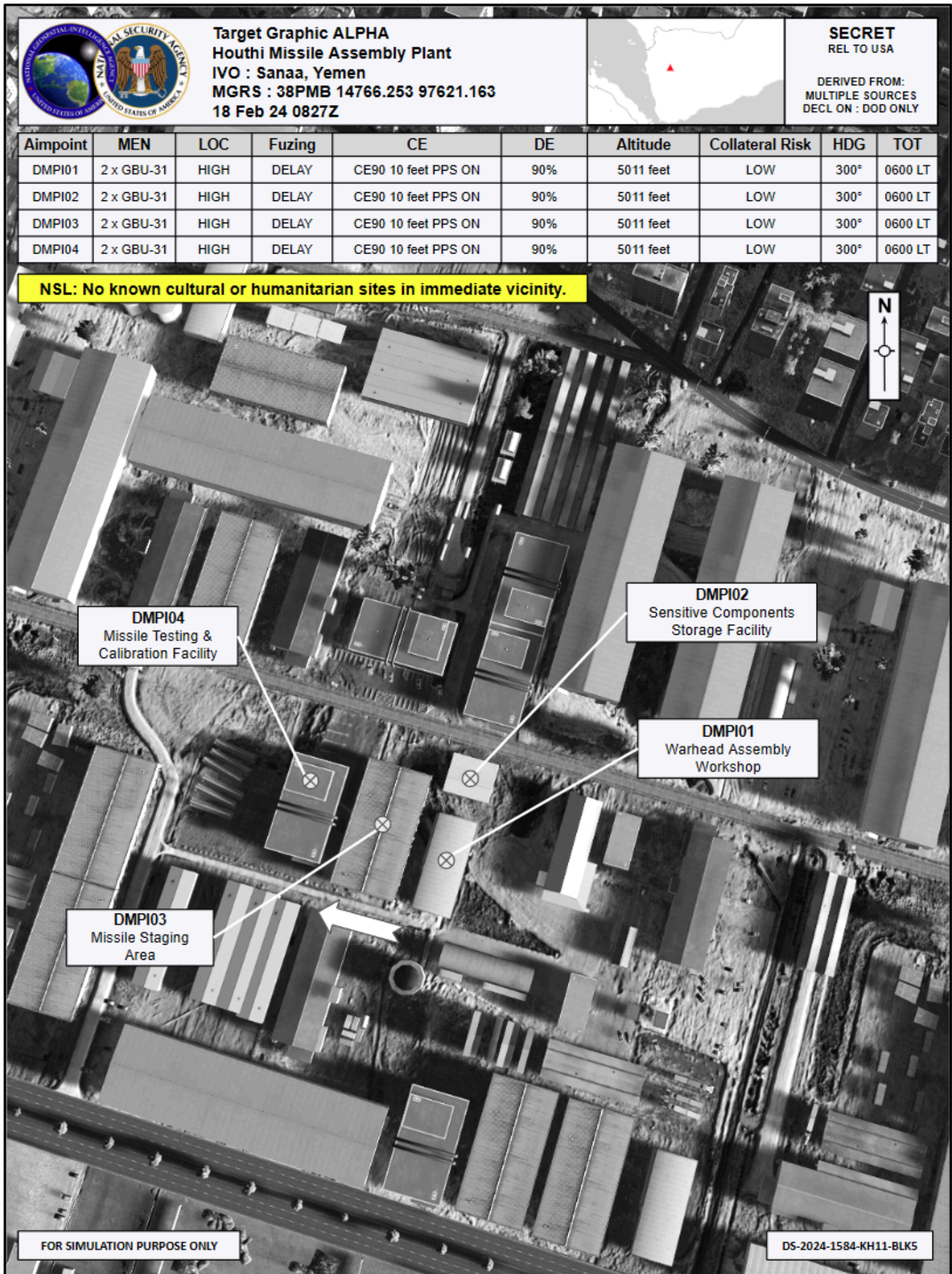
Mission Window: 18 FEB 24 // TOT: 0600LT

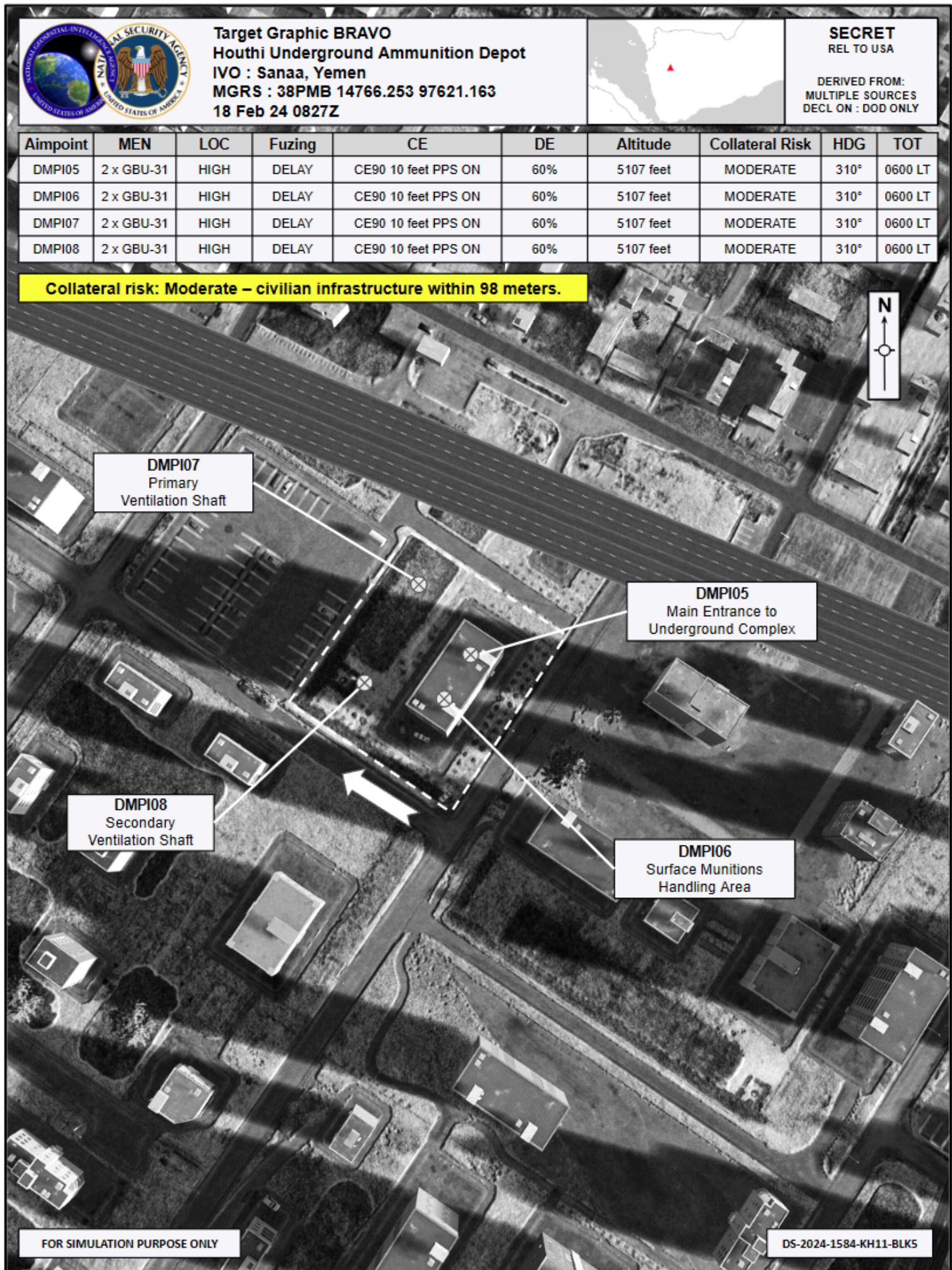
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Target Graphic CHARLIE
Houthi Intelligence Center ISR
IVO : Sanaa, Yemen
MGRS : 38PMB 14766.253 97621.163
18 Feb 24 0827Z



SECRET
REL TO USA

DERIVED FROM:
MULTIPLE SOURCES
DECL ON : DOD ONLY

Aimpoint	MEN	LOC	Fuzing	CE	DE	Altitude	Collateral Risk	HDG	TOT
DMPI09	2 x GBU-31	HIGH	DELAY	CE90 10 feet PPS ON	90%	5078 feet	HIGH	120°	0600 LT
DMPI10	2 x GBU-31	HIGH	DELAY	CE90 10 feet PPS ON	90%	5078 feet	HIGH	120°	0600 LT

Collateral risk: HIGH – Urban area with nearby mosque — strict ROE;
delay fuzing to limit collateral damage.



DMPI09
Structural Weak Point

DMPI10
Structural Weak Point

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