

OPERATION HORMUZ

MISSION 18 STORM KNIGHT

BRIEFING MATERIAL (CLASSIFIED)



TASK ID: DS-188739

USS CVN-71

VFA-97 WARHAWKS

2011.07.08



SITUATION UPDATE

Cyclone Dora, the first cyclone in the North Indian Ocean in 2011 made its landfall at Jiwhani town, where Iran and Pakistan bordered, and 250nm away from where CVN-71 Strike Group is operating. Rough sea and strong wind made it more difficult for carrier operations, therefore, the Air Force scheduled more sorties from Al Minhad Airbase and is covering all CAP missions, whilst both CVN-71 and CVN-73 Strike Groups minimized their sorties for the day, leading to less CAS support for the ground forces. On the ground, only sporadic fires were exchanged in Bandar Abbas City, as our allied forces and the Iranian army were both defending their own strongholds while heavy rain poured down. Jiroft Airbase is paralyzed after the successful attack on Day 17, and Marine's 8th Regiment has pushed to Anbarabad, about 15nm south of Jiroft. In the north, depth is also established with the 1st and 7th Regiments taking control of the Mountain Baz region. In the morning, the United States and the United Arab Emirates have issued a joint announcement to the public and shipping industry, stating that the Iranian army has lost its attacking capability on Hormuz Strait, and it is safe for commercial ships to transit now. However, as part of Bandar Abbas City is still controlled by the Iranian army, IMO Maritime Safety Committee considered the strait a war zone and most insurance companies refused to give the green light to the shipowners for transit. The new Iranian representative criticized the United States and its allies for intruding on Iran's territory in the United Nations emergency meeting, whilst all members except Russia in the Security Council refused to admit the temporary military regime as a legal government and demanded sailing freedom of the Hormuz Strait. Brent futures continue to surge every day as not a single tanker has departed from the Persian Gulf since Iran blocked the strait, and most OPEC members in the gulf have to reduce output as their storages were almost full. Intel shows that Iran has reopened its Birjand Uranium enrichment plant and the country is able to produce nuclear weapons within a month. Iranian's military enterprises are also producing weapons and equipment to support its army and research. Although CVN-71 canceled many sorties on Day 18 due to the storm, the Command General authorized to resume of the night strike mission on the Golgothan weapon factory, a subsidiary of Sirjan Golgothan Industry, a key producer of important parts and materials for Iran's nuclear weapon project. Hawks Squadron once again took the challenging task on a stormy night.

PART A. MISSION BRIEFING

TASK ID: DS-188739



MISSION BRIEFING

Hawk 1-1 is the Air Mission Commander (AMC), whilst Hawk 1-2 is the Deputy AMC. The Hawks package is assigned for deep strike mission, with Hawk 1 carrying GBU-31 JDAM bombs to execute the strike task, Hawk 2 carrying AGM-88 to provide SEAD escort and Hawk 3 carrying AIM-120 to escort the package. All aircraft will start cold on deck, comms check will be performed in about 1 minute after right engine started, both teams to keep PRI COMM at Green 1, and Hawk 1 to switch AUX COMM to Yellow 1, Hawk 2 and Hawk 3 to switch AUX COMM to Yellow 2 and Yellow 3 respectively. A/A Bullseye point is WP2 (ROCK). Joker fuel is 6,750 lbs and Bingo fuel is 6,000 lbs. Make sure all members in Hawks flights are in your datalink network. Hawk 1 also needs to load targets coordinates into JDAM PP mode while on deck, then after being cleared by the taxi director, proceed to your assigned catapult.

Case III departure. It's thunderstorm night out there, pitching deck with wind speed reaching almost 40 knots. We are the only flight from CVN-71 Strike Group for tonight, DME-10 arc is waived. After KILO, proceed to WP1 (RV) to regroup at 25,000 feet MSL with 0.6 Mach speed. Cloud tops at 20,000 feet, and it's half-moon now so we should have a better visual up there. Once grouped, we will push for WP2 (ROCK) with contract speed of 0.80 Mach and gradually climb to 30,000 feet MSL.

During this ingress leg, we will switch PRI COMM to Red 1 (CH2) and check in with Strike. It's a night flight, so remember to set both baro and radar altitude warning when you have opportunity to do so during this leg. At WP2 (ROCK), we will get feet dry, down there is the Rajaei Seaport under our control. We will maintain 30,000 feet MSL and turn north after passing WP2. 10nm out from WP3 (IP), we will Fence In, Hawk 1 should check their JDAM status and confirm the final targets assignment, Hawk 2 should set their HARM ready and watch out for radar emitter near WP4 (TGT), whilst Hawk 3 should perform a G warm up and use A-A Radar to search possible Iranian interceptors from the north. At WP3 (IP), we will ask STRIKE to update picture and get the attack clearance.

After WP4, Hawk 2 will lead the package and initiate attack on enemy's SA-11 site deployed in the target area once in range, followed by Hawk 1 about three to five nm behind. After the enemy air defense at target site is neutralized, Hawk 1 change to line abreast formation with 1nm interval, continue to run in and drop all bombs on the assigned targets at one time.

PART A. MISSION BRIEFING

TASK ID: DS-188739



Hawk 3 will go to the TARCAP station and get ready to intercept enemy airborne threat, especially from the Kerman Airbase. Hawk 2 continue to fly by Hawk 1 to WP4, and suppress unknown SAMs that pops up in the target area.

After all bombs are released, we will make a left in-place turn and egress immediately towards WP5 (WET). There will be no BDA report due to the thick clouds and heavy thunderstorm down there, but we will probably hear it from the news next morning. The egress leg is 130nm long with most part is still under Iran's control, so we should be very vigilant during the egress. Besides STRIKE's picture, we also need to keep our A-A radar active and pay attention to RWR spikes.

We will Fence Out at WP5 (WET) and check our fuels. Tankers are operating to the south of WP5, each flight lead will decide if go for a drink or not. Just remember it's a thunderstorm night, and you might as well get a little bit extra fuel before entering the recovery. Although, recovery tankers will also be ready on deck, and they will be launched upon request as always.

Case III recovery in a thunderstorm night, prepared for pitching deck and shaking turbulence. Minimum fuel reserve for alternative airfield is 2,000lbs, primary emergency airfield is Fujairah International Airport, which is roughly 45nm west to our expected recovery location, coordinate is in our briefing pack. There shouldn't be much stack holding time because we are the only sortie from CVN-71 for mission tonight, all the crew will be watching us, and we don't want anyone end up being barricaded. Now let's ride over the storm and get the job done. Good luck!

[Designer's Note]

1. Hawk 1-1 (Tail#211) is Mission Commander and must be seated by a Player.
2. A backup Hawk 4 Flight with 4 F/A-18C is hot on ramp with air-to-air weapons for escort role, but players can change weapon loadout as needed.
3. Recovery tankers are ready on deck and will be launched upon request via F10 Radio Menu on your egress leg.
4. AI Hawk 2 / Hawk 3 will be activated if no Players sit into Hawk 2 / Hawk 3 Flights (after all Hawk 1 members departed from the carrier), Players can use F10 Radio Menu to deactivate AI Hawk 2 / Hawk 3.

PART B. TACTICAL INFORMATION

TASK ID: DS-188739



BASIC INFORMATION

START TIME 8-JUL-2011 2100LT (1700UTC)

SCHED LAU TIME 2115LT CASE III DEP LOC N2517E5705

EXP REC TIME 2245LT CASE III REC LOC N2503E5711

HOME FREQ 305AM TCN 71X ILS 11 LINK4 336

WX STM SR 0531LT SS 1912LT TEMP 20C QNH 2960 WIND 330 35KTS SEA 6 NGT VSBY

MISSION OBJECTIVES

Primary Destroy Sirjan Golgohar Industry's weapon factory workshops
Secondary Destroy Sirjan Golgohar Industry's storage and laboratory facilities
Tertiary Destroy SA-11 Site at Sirjan Golgohar Factory

THREAT ANALYSIS

Air to air Iranian F-14, Mig-29 from Kerman AB; Russian Su-27 from Kerman AB
Surface to air SA-11, AAA, Manpad at Sirjan Golgohar; SA-10 at Kerman AB

FLIGHT ROSTER

FLIGHT	CALLSIGN	TAIL#	ROLE	A/A TCN	DATALINK	LSR CODE
Hawk 1	Hawk 1-1	211	Lead	11X	HK11	N/A
	Hawk 1-2	212	Wing	12X	HK12	N/A
	Hawk 1-3	213	Lead	13X	HK13	N/A
	Hawk 1-4	214	Wing	14X	HK14	N/A
Hawk 2	Hawk 2-1	215	Lead	21X	HK21	N/A
	Hawk 2-2	216	Wing	22X	HK22	N/A
Hawk 3	Hawk 3-1	217	Lead	31X	HK31	N/A
	Hawk 3-2	218	Wing	32X	HK32	N/A

PACKAGE ELEMENTS

FLIGHT	AIRCRAFT	NO.	TASK	TARGET
Hawk 1	F/A-18C	4	Pinpoint Strike	PRI & SEC Targets
Hawk 2	F/A-18C	2	SEAD Escort	SAM Threat
Hawk 3	F/A-18C	2	Escort	Airborne Threat

SUPPORT FLIGHT

FLIGHT	AIRCRAFT	NO.	TASK	A/A TCN	REMARKS
Magic	E-2D	1	AWACS		Callsign STRIKE
Darkstar	E-3A	1	AWACS		Callsign DARKSTAR
Texaco 1	KC-135M	1	Refuel	53X	ROCK 130 10
Arco 1	KC-130	1	Refuel	54X	ROCK 110 42
Shell 1	S-3B	1	Refuel	51X	Ready on deck
Shell 2	S-3B	1	Refuel	52X	Ready on deck

ALTERNATE AIRFIELD

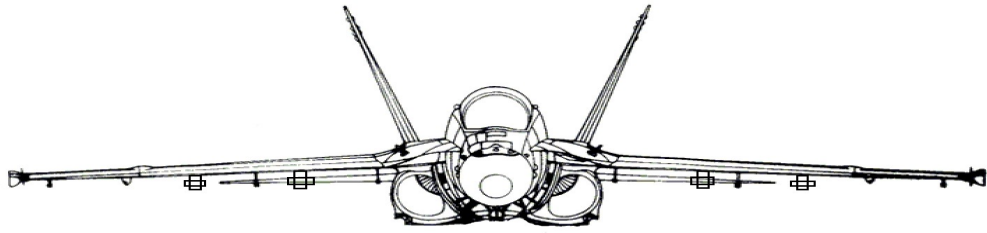
AIRFIELD	FREQUENCY	COORDINATE	REMARKS
Fujairah	124.600 AM	N25°06'21" E56°20'25"	Nearest to Recovery
Khasab	124.350 AM	N26°10'57" E56°14'37"	Peninsula north tip

PART B. TACTICAL INFORMATION

TASK ID: DS-188739



LOADOUT



STATION	9	8	7	6	5	4	3	2	1
Hawk 1-1	9X	GBU31	WT	120C	CT	AFLIR	WT	GBU31	9X
Hawk 1-2	9X	GBU31	WT	120C	CT	AFLIR	WT	GBU31	9X
Hawk 1-3	9X	GBU31	WT	120C	CT	AFLIR	WT	GBU31	9X
Hawk 1-4	9X	GBU31	WT	120C	CT	AFLIR	WT	GBU31	9X
Hawk 2-1	9X	AGM88	WT	120C	CT	AFLIR	WT	AGM88	9X
Hawk 2-2	9X	AGM88	WT	120C	CT	AFLIR	WT	AGM88	9X
Hawk 3-1	9X	120C	WT	7P	CT	AFLIR	WT	120C	9X
Hawk 3-2	9X	120C	WT	7P	CT	AFLIR	WT	120C	9X

INTERNAL	GUNS	FLARE	CHAFF	TOTAL FUEL	TOTAL WEIGHT	ADV TRIM
Hawk 1-1	578	30	90	17536 lbs	50554 lbs	19
Hawk 1-2	578	30	90	17536 lbs	50554 lbs	19
Hawk 1-3	578	30	90	17536 lbs	50554 lbs	19
Hawk 1-4	578	30	90	17536 lbs	50554 lbs	19
Hawk 2-1	578	30	90	17536 lbs	48226 lbs	17
Hawk 2-2	578	30	90	17536 lbs	48226 lbs	17
Hawk 3-1	578	30	90	17536 lbs	48621 lbs	17
Hawk 3-2	578	30	90	17536 lbs	48621 lbs	17

RADIO COMMS

L	CODE	AGCY	FREQ	R	CODE	AGCY	FREQ
1	Green 1	Marshal	305.00	1	Green 1	Marshal	305.00
2	Red 1	Strike	264.00	2	Red 1	Strike	264.00
3	Red 2	Guardian	265.00	3	Red 2	Guardian	265.00
4	Red 3	Darkstar	256.00	4	Red 3	Darkstar	256.00
5	Yellow 1	Hawk 1	254.00	5	Yellow 1	Hawk 1	254.00
6	Yellow 2	Hawk 2	250.00	6	Yellow 2	Hawk 2	250.00
7	Yellow 3	Hawk 3	270.00	7	Yellow 3	Hawk 3	270.00
8	Violet 1	Shell 1	257.00	8	Violet 1	Shell 1	257.00
9	Violet 2	Shell 2	255.00	9	Violet 2	Shell 2	255.00
10	Violet 3	Texaco 1	262.00	10	Violet 3	Texaco 1	262.00
11	Violet 4	Arco 1	259.00	11	Violet 4	Arco 1	259.00
12	Orange 1	Devil	268.00	12	Orange 1	Devil	268.00
13	Orange 2	Chevy	269.00	13	Orange 2	Chevy	269.00
14	Orange 3	Check	260.00	14	Orange 3	Check	260.00
15	Blue 1	Raven	263.00	15	Blue 1	Raven	263.00
16	Blue 2	Dodge	261.00	16	Blue 2	Dodge	261.00
17	Blue 3	Ford	267.00	17	Blue 3	Ford	267.00
18	Indigo 1	Trek	251.00	18	Indigo 1	Trek	251.00
19	Indigo 2	Viper	253.00	19	Indigo 2	Viper	253.00
20	Indigo 3	Colt	266.00	20	Indigo 3	Colt	266.00

PART B. TACTICAL INFORMATION

TASK ID: DS-188739

**FLIGHT PLAN (HAWK 1)**

WP	NAME	TIME	SPEED	ALTITUDE	ACTION	REMARKS
0	LAU	2115L			Launch	Bingo 6000 lbs
1	RV	2120L	0.60M	MSL 25K	Regroup	Exp Push Time 25
2	ROCK	2140L	0.80M	MSL 30K	Check In	A/A Bullseye
3	IP	2150L	0.80M	MSL 30K	Fence In	Initial Point
4	TGT	2158L	0.80M	MSL 30K	Attack	Target Point
5	WET	2215L	0.80M	MSL 30K	Fence Out	Feet Wet
6	REC	2245L	0.50M	MSL 1K	Recovery	Recovery Tanker Ready

FLIGHT PLAN (HAWK 2)

WP	NAME	TIME	SPEED	ALTITUDE	ACTION	REMARKS
0	LAU	2115L			Launch	Bingo 6000 lbs
1	RV	2120L	0.60M	MSL 25K	Regroup	Exp Push Time 25
2	ROCK	2140L	0.80M	MSL 30K	Check In	A/A Bullseye
3	IP	2150L	0.80M	MSL 30K	Fence In	Initial Point
4	TGT	2158L	0.80M	MSL 30K	SEAD	Target Point
5	WET	2215L	0.80M	MSL 30K	Fence Out	Feet Wet
6	REC	2245L	0.50M	MSL 1K	Recovery	Recovery Tanker Ready

FLIGHT PLAN (HAWK 3)

WP	NAME	TIME	SPEED	ALTITUDE	ACTION	REMARKS
0	LAU	2115L			Launch	Bingo 6000 lbs
1	RV	2120L	0.60M	MSL 25K	Regroup	Exp Push Time 25
2	ROCK	2140L	0.80M	MSL 30K	Check In	A/A Bullseye
3	IP	2150L	0.80M	MSL 30K	Fence In	Initial Point
4	TGT	2158L	0.80M	MSL 30K	Watchout	Target Point
5	WET	2215L	0.80M	MSL 30K	Fence Out	Feet Wet
6	REC	2245L	0.50M	MSL 1K	Recovery	Recovery Tanker Ready

TARGET COORDINATE (PRIMARY)

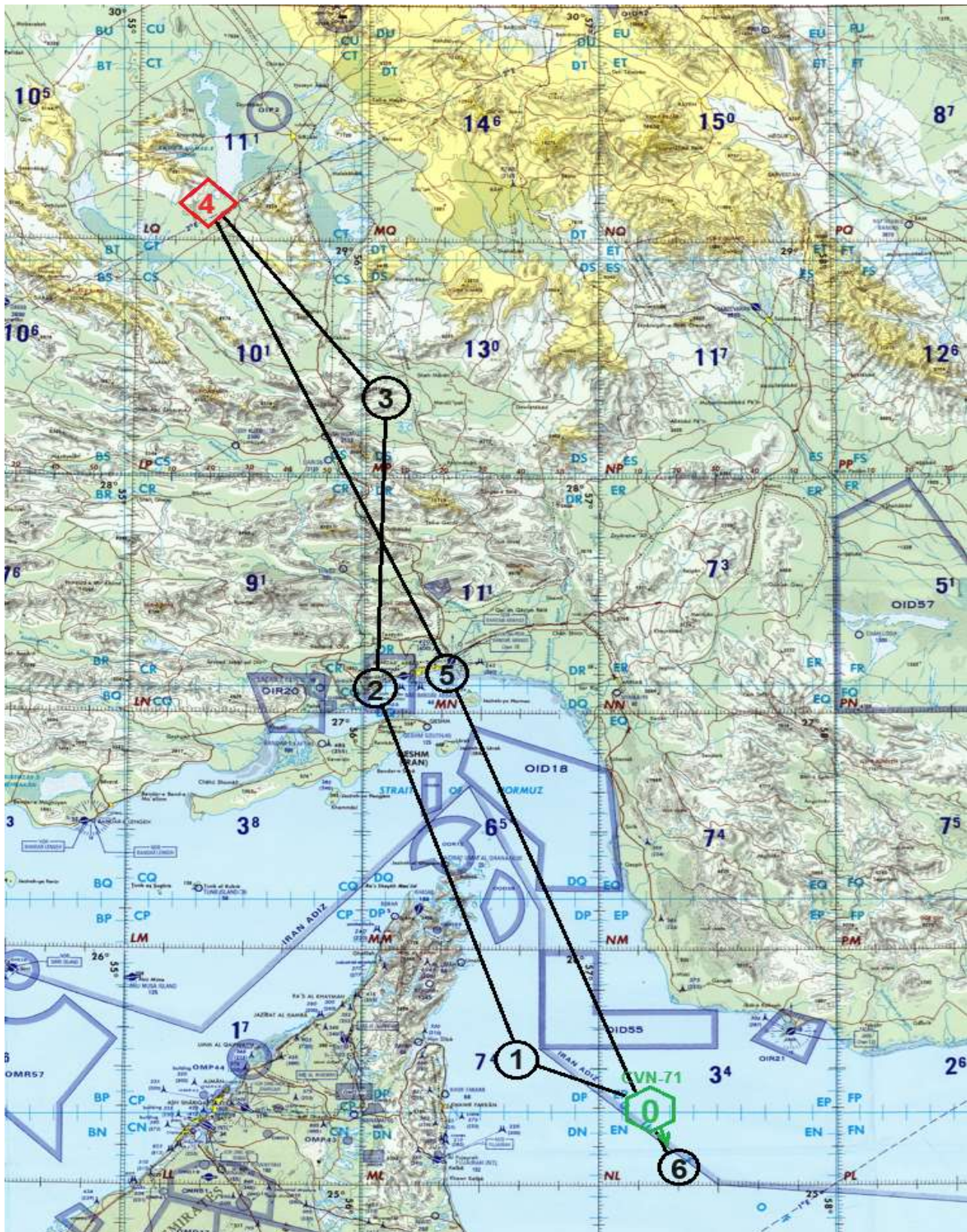
NO.	TYPE	COORDINATES (PRECISE)	ELEVATION	REMARKS	PEN
1	Building	N29°05'28.41" E55°19'25.07"	5717 ft	Factory A	N
2	Building	N29°05'28.44" E55°19'28.85"	5727 ft	Factory B	N
3	Building	N29°05'28.47" E55°19'33.16"	5730 ft	Factory C	N
4	Building	N29°05'28.50" E55°19'37.54"	5733 ft	Factory D	N

TARGET COORDINATE (SECONDARY)

NO.	TYPE	COORDINATES (PRECISE)	ELEVATION	REMARKS	PEN
5	Building	N29°05'24.55" E55°19'32.71"	5727 ft	Storage 1	N
6	Building	N29°05'24.57" E55°19'35.82"	5729 ft	Storage 2	N
7	Building	N29°05'29.94" E55°19'43.24"	5734 ft	Laboratory N	N
8	Building	N29°05'28.15" E55°19'43.27"	5734 ft	Laboratory S	N

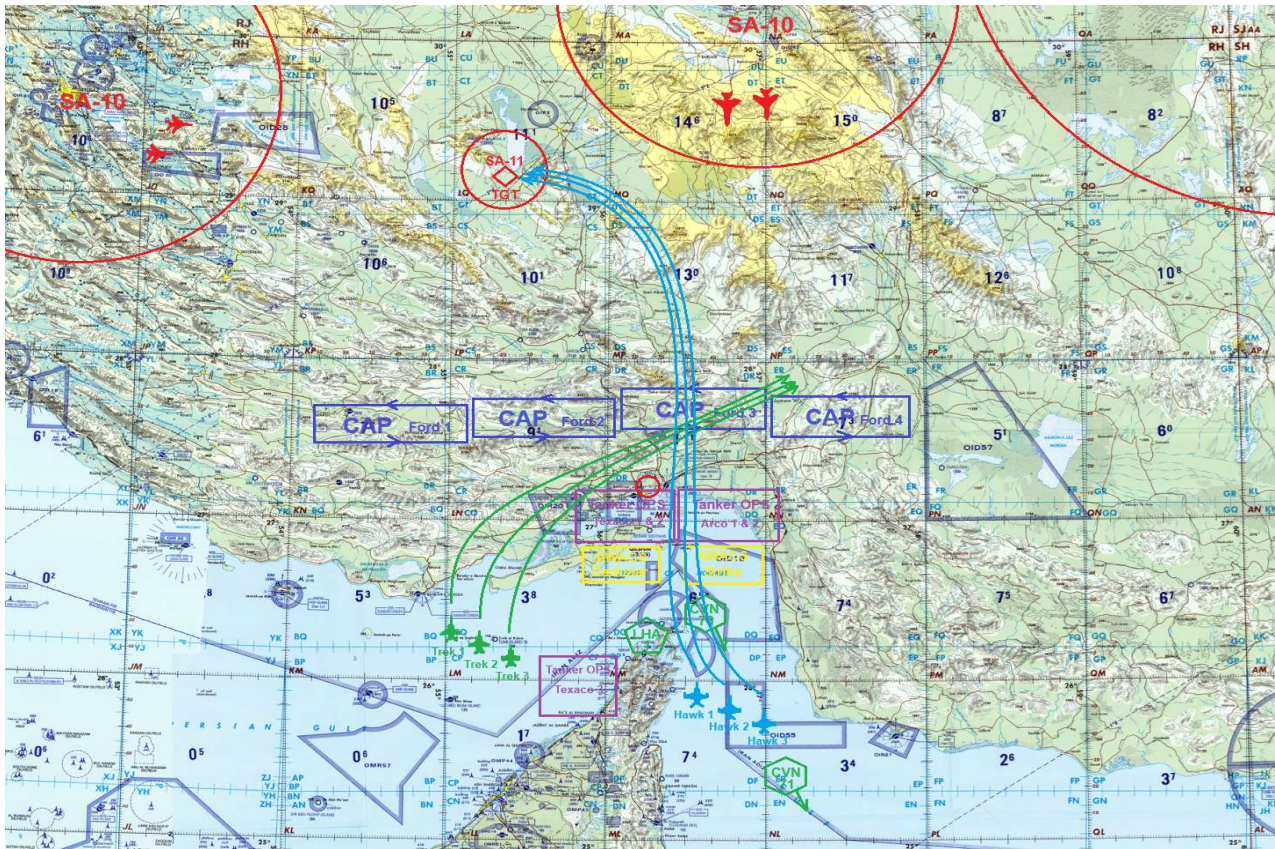


FLIGHT PLAN

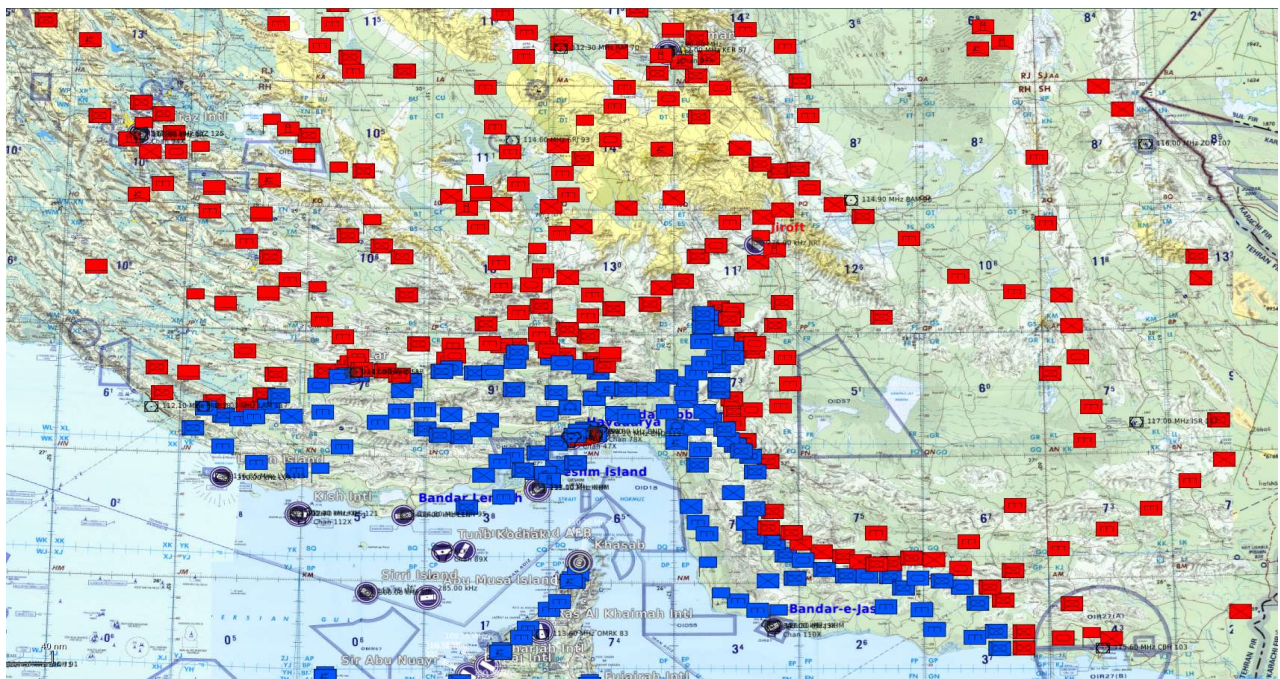




AIR OPERATION CHART

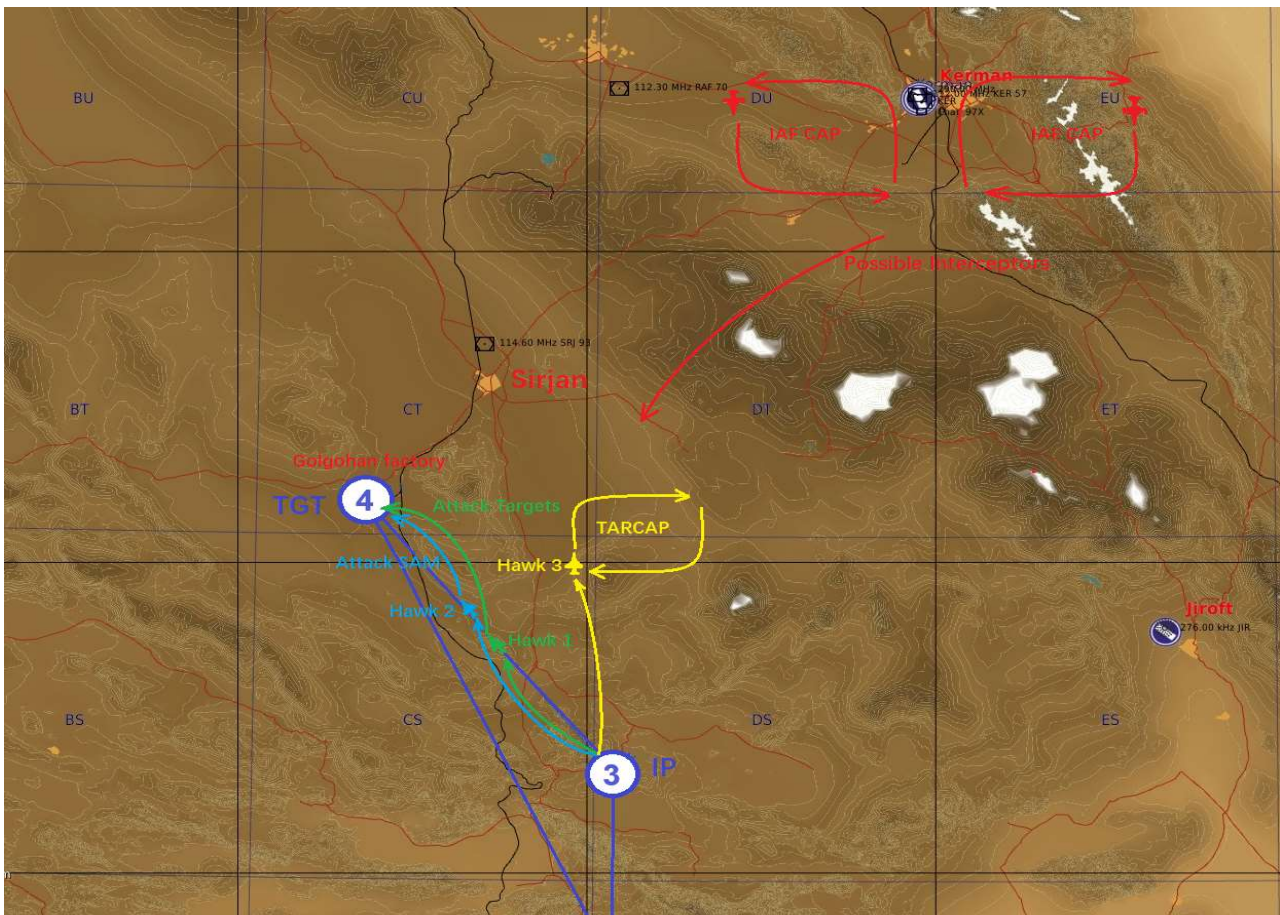


GROUND OPERATION CHART





ATTACK PLAN

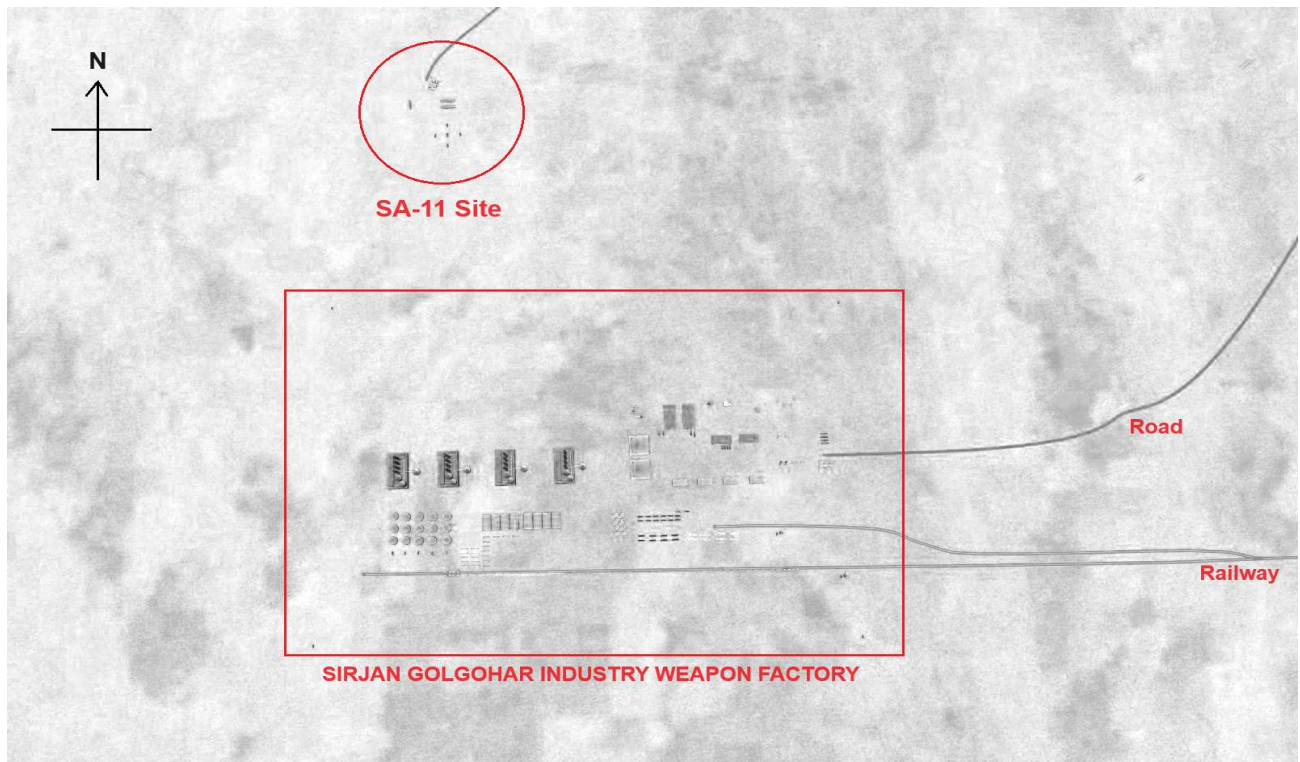


TARGET IMAGE (SIRJAN GOLGOHAR INDUSTRY WEAPON FACTORY)

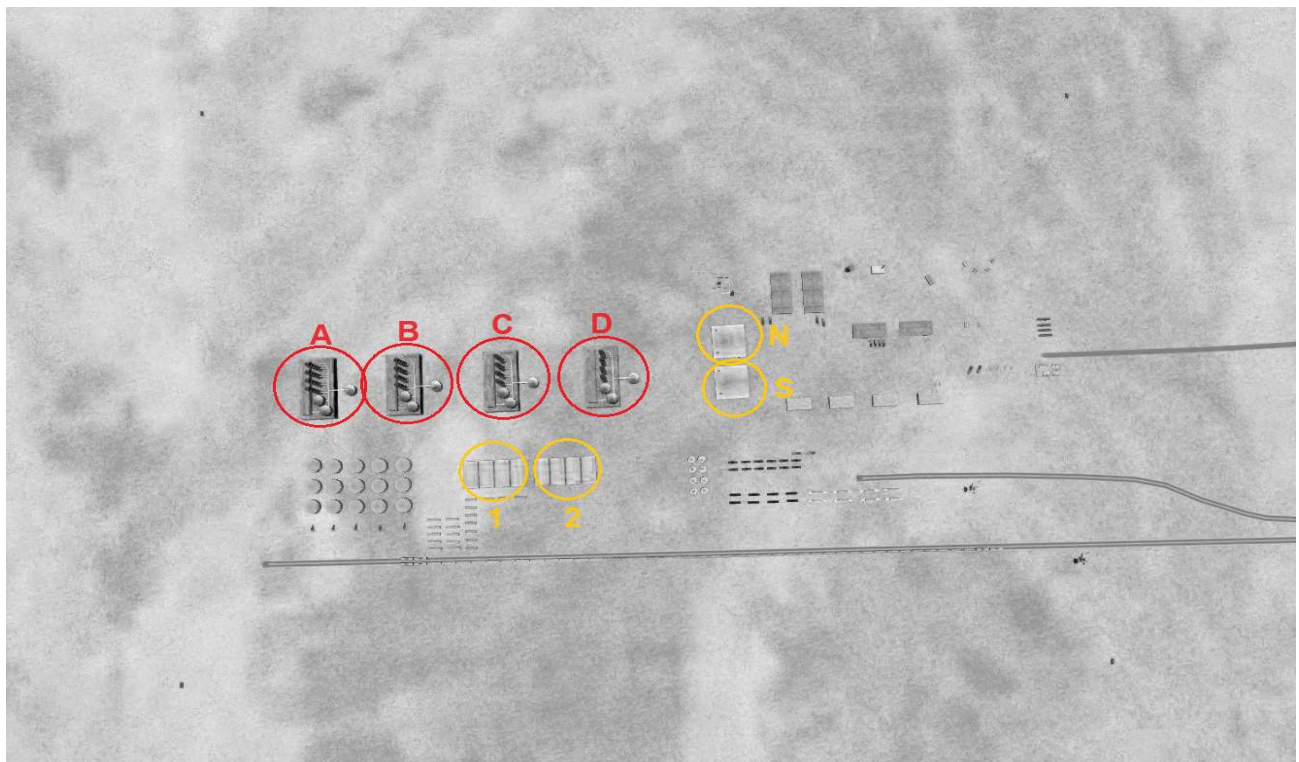




TARGET AREA SATELLITE IMAGE



TARGET LAYOUT



PART D. KNEEBOARD

TASK ID: DS-188739



BASIC INFO

START TIME 8-JUL-2011 2100LT (1700UTC)
 SCHED LAU TIME 2115LT CASE III DEP LOC N2517E5705
 EXP REC TIME 2245LT CASE III REC LOC N2503E5711
 HOME FREQ 305AM TCN 71X ILS 11 LINK4 336
 WX STM SR 0531LT SS 1912LT TEMP 20C QNH 2960 WIND 330 35KTS SEA 6 NGT VSBY

FLIGHT

FLT	CS	T#	A/A	DLNK	LASER	WPN
Hawk 1	Hawk 1-1	211	11X	HK11	N/A	9X,GBU31,WT,120C,CT,AFLIR,WT,GBU31,9X
	Hawk 1-2	212	12X	HK12	N/A	9X,GBU31,WT,120C,CT,AFLIR,WT,GBU31,9X
	Hawk 1-3	213	13X	HK13	N/A	9X,GBU31,WT,120C,CT,AFLIR,WT,GBU31,9X
	Hawk 1-4	214	14X	HK14	N/A	9X,GBU31,WT,120C,CT,AFLIR,WT,GBU31,9X
Hawk 2	Hawk 2-1	215	21X	HK21	N/A	9X,AGM88,WT,120C,CT,AFLIR,WT,AGM88,9X
	Hawk 2-2	216	22X	HK22	N/A	9X,AGM88,WT,120C,CT,AFLIR,WT,AGM88,9X
Hawk 3	Hawk 3-1	217	31X	HK23	N/A	9X,120C,WT,7P,CT,AFLIR,WT,120C,9X
	Hawk 3-2	218	32X	HK24	N/A	9X,120C,WT,7P,CT,AFLIR,WT,120C,9X

PACKAGE

FLT	AC	NO.	TASK
Hawk 1	F/A-18C	4	Pinpoint Strike
Hawk 2	F/A-18C	2	SEAD Escort
Hawk 3	F/A-18C	2	Escort

SUPPORT

FLT	AC	TASK	A/A	CH	RMRK
Magic	E-2D	AWACS		2	Strike
Darkstar	E-3A	AWACS		4	Darkstar
Texaco 1	KC-135M	Refuel	53X	10	R 130 10
Arco 1	KC-130	Refuel	54X	11	R 110 42
Shell 1	S-3B	Refuel	51X	8	On deck
Shell 2	S-3B	Refuel	52X	9	On deck

FLIGHT PLAN (HAWK PACKAGE)

WP	NAME	TIME	SPEED	ALT	ACT
0	LAU	2115L			Launch
1	RV	2120L	0.60M	25K	Regroup
2	ROCK	2140L	0.80M	30K	Check In
3	IP	2150L	0.80M	30K	Fence In
4	TGT	2158L	0.80M	30K	Attack
5	WET	2215L	0.80M	30K	Fence Out
6	REC	2245L	0.50M	1K	Recovery

RADIO COMMS

CH	CODE	AGCY	FREQ
1	Green 1	Marshal	305.00
2	Red 1	Strike	264.00
3	Red 2	Guardian	265.00
4	Red 3	Darkstar	256.00
5	Yellow 1	Hawk 1	254.00
6	Yellow 2	Hawk 2	250.00
7	Yellow 3	Hawk 3	270.00
8	Violet 1	Shell 1	257.00
9	Violet 2	Shell 2	255.00
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12	Orange 1	Devil	268.00
13	Orange 2	Chevy	269.00
14	Orange 3	Check	260.00
15	Blue 1	Raven	263.00
16	Blue 2	Dodge	261.00
17	Blue 3	Ford	267.00
18	Indigo 1	Trek	251.00
19	Indigo 2	Viper	253.00
20	Indigo 3	Colt	266.00

ALT AFLD

AFLD	FREQ	COOR
Fujairah	124.350	N26°11' E56°14'
Khasab	118.150	N25°39' E57°48'

PART D. KNEEBOARD

TASK ID: DS-188739



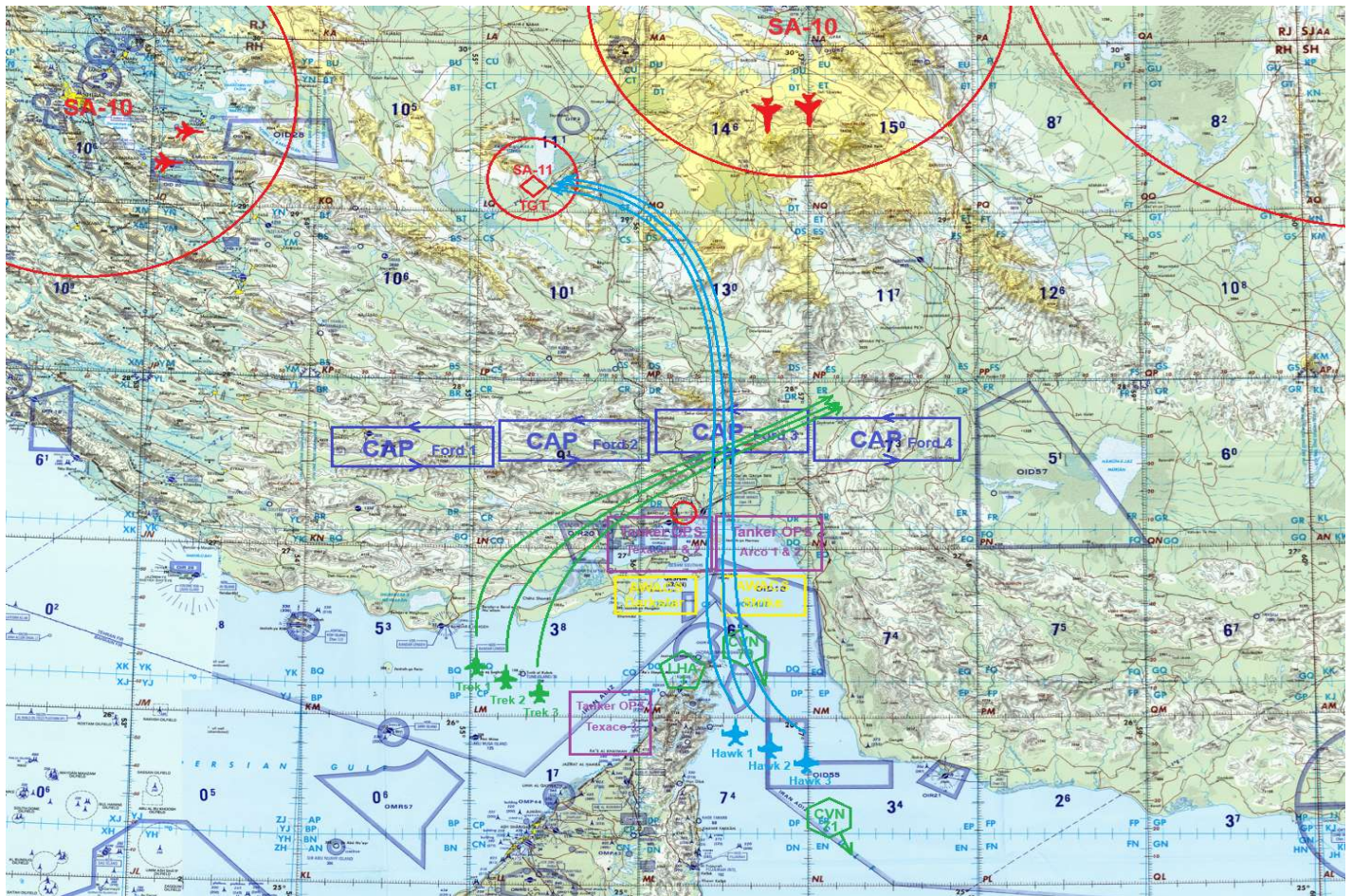
PRI TGT INFO					
NO	TYPE	COOR (PRES)	ELEV (FT)	RMKS	CMTS
1	Building	N29°05'28.41" E55°19'25.07"	5717 ft	Factory A	
2	Building	N29°05'28.44" E55°19'28.85"	5727 ft	Factory B	
3	Building	N29°05'28.47" E55°19'33.16"	5730 ft	Factory C	
4	Building	N29°05'28.50" E55°19'37.54"	5733 ft	Factory D	

SEC TGT INFO					
NO	TYPE	COOR (PRES)	ELEV (FT)	RMKS	CMTS
5	Building	N29°05'24.55" E55°19'32.71"	5727 ft	Storage 1	
6	Building	N29°05'24.57" E55°19'35.82"	5729 ft	Storage 2	
7	Building	N29°05'29.94" E55°19'43.24"	5734 ft	Laboratory N	
8	Building	N29°05'28.15" E55°19'43.27"	5734 ft	Laboratory S	

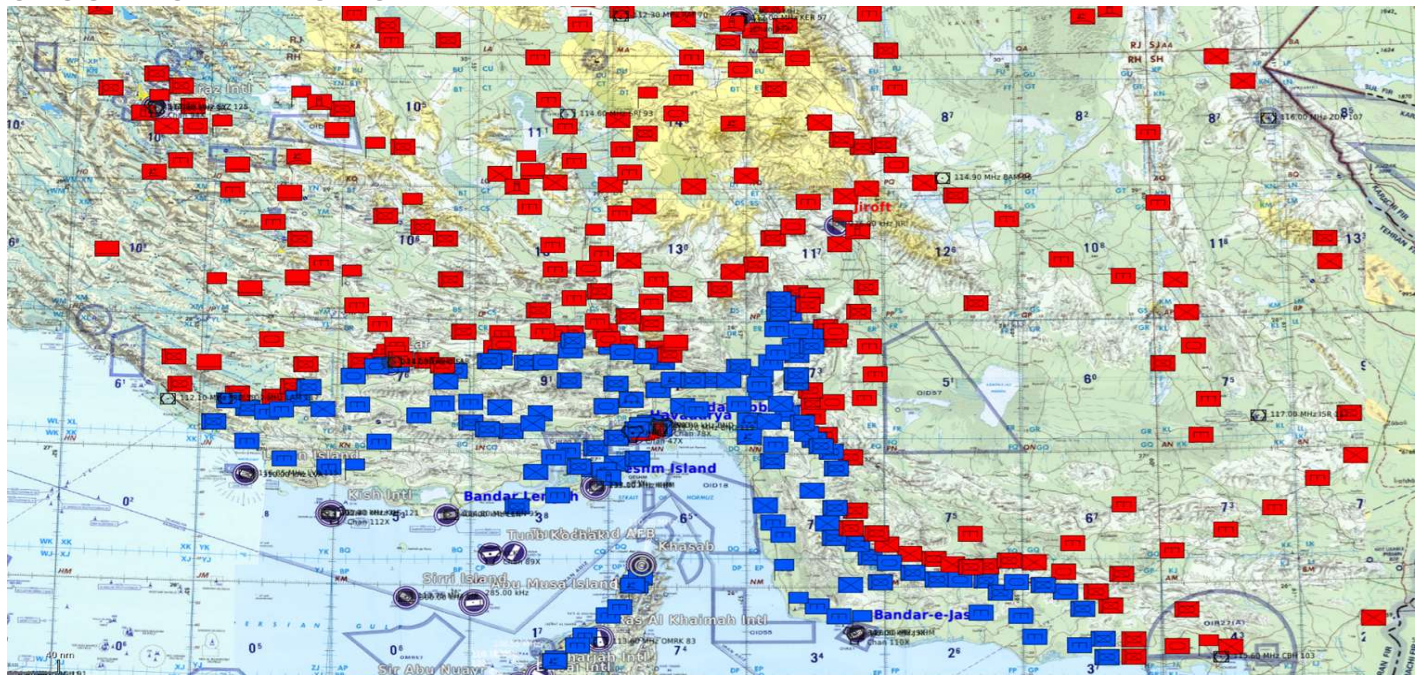
NOTE					



AIR OPERATION CHART

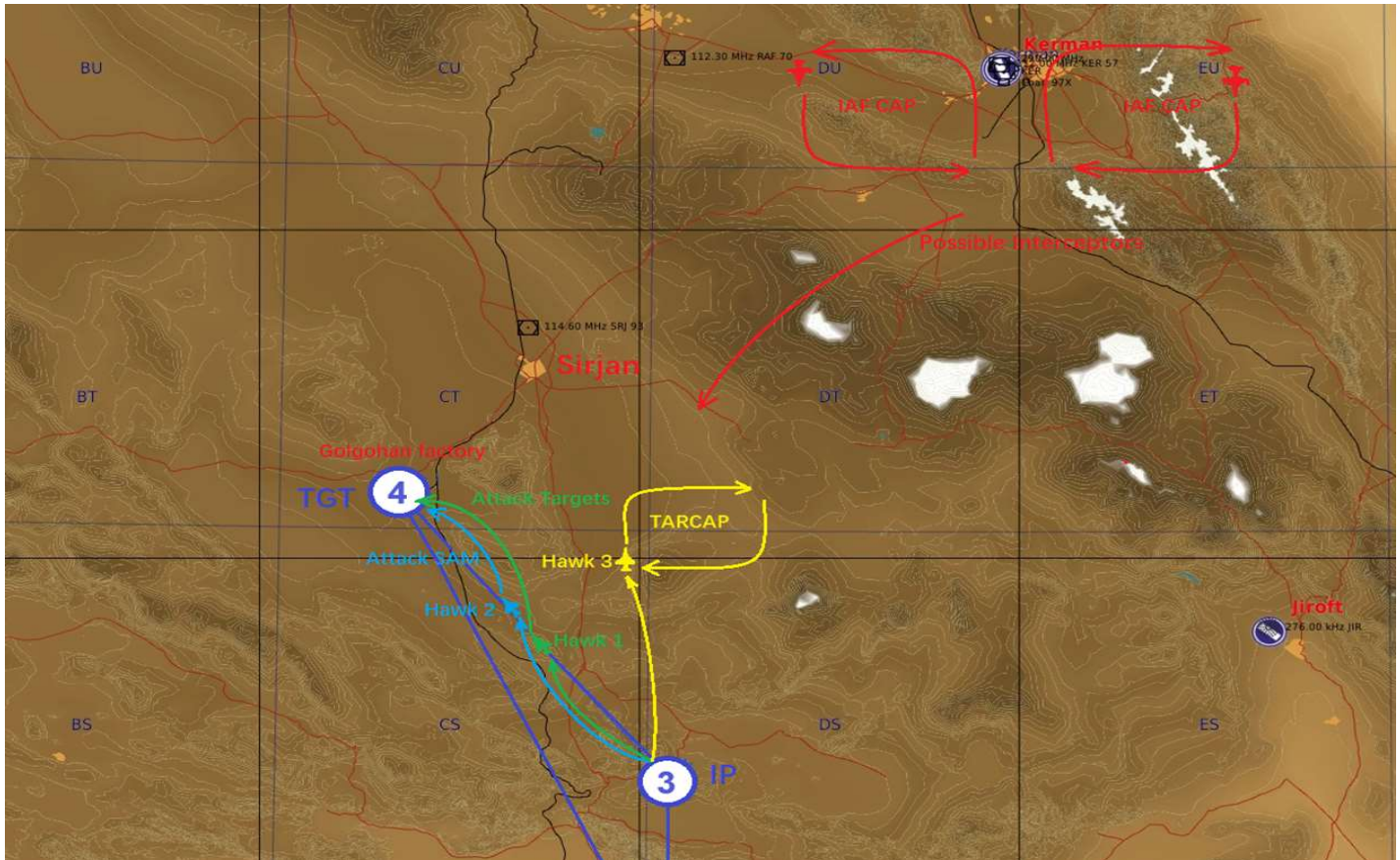


GROUND OPERATION CHART





ATTACK PLAN

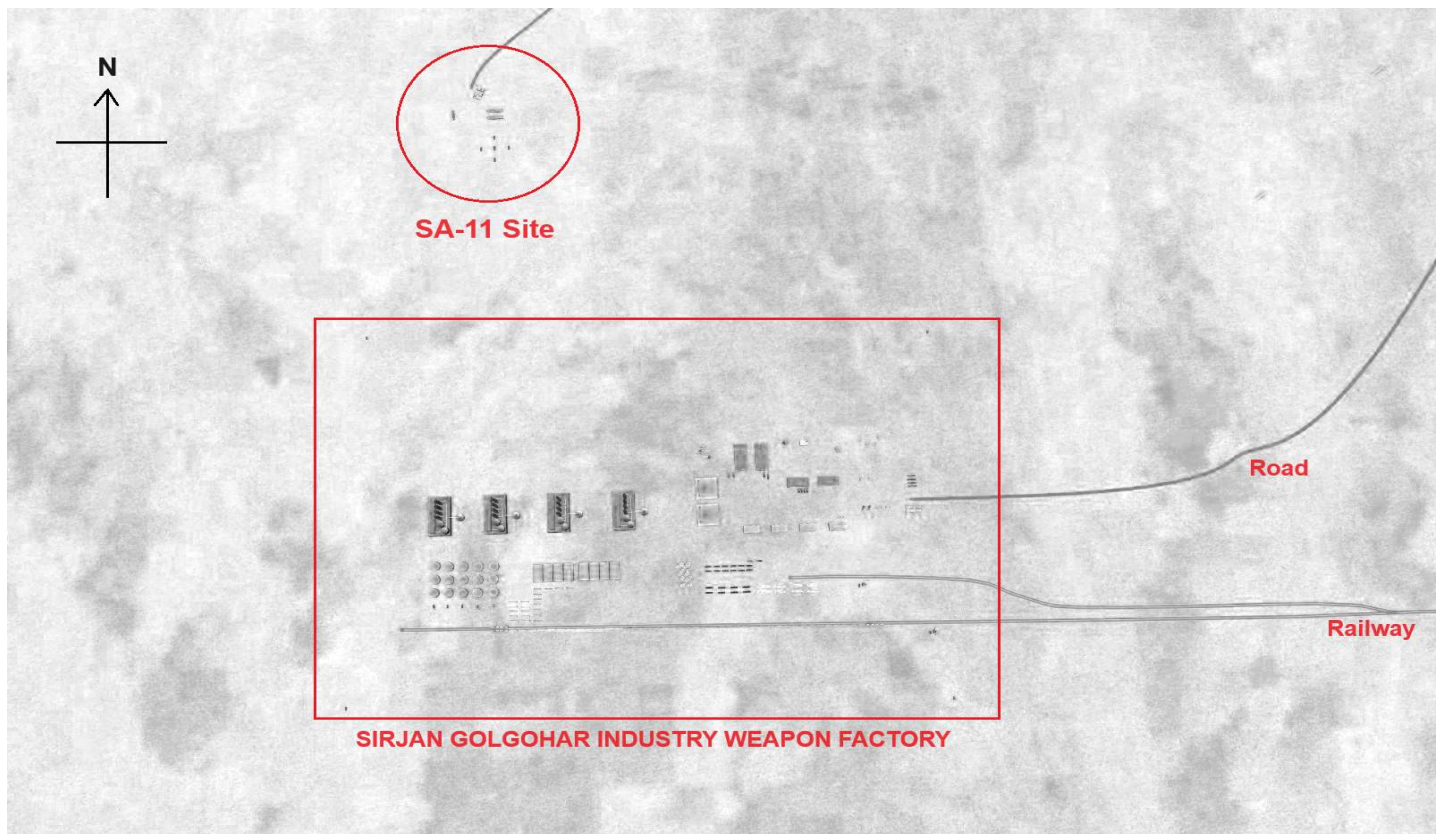


TARGET IMAGE (SIRJAN GOLGOHAR INDUSTRY WEAPON FACTORY)





TARGET AREA SATELLITE IMAGE



TARGET LAYOUT

