Operation Hormuz Campaign

Mission 18 Storm Knight

Time:	**8-Jul-2011 1800UTC (2100LT)**						
Weather:	**Storm**	**Temp:**	**25°C**	**Sunrise:**	**0531LT**	**Sunset:**	**1913LT**
Visibility:	**Poor**	**Clouds:**	**Overcast**	**Wind:**	**330, 35kts**		

Situation

Cyclone Dora, the first cyclone in the North Indian Ocean in 2011 made its landfall at Jiwani 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 2nd Regiment has pushed to Anbarabad, about 15nm south of Jiroft. In the north, depth is also established with the 1st and 8th 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 Tabas 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 Golgohan weapon factory, a subsidiary of Sirjan Golgohan 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.

Briefing

Case III Departure 1800UTC. Coordinate N245139 E571634
Case III Recovery 2000UTC. Expected Reocvery Location N243215 E572410
Mother Frequency 305.0AM, TACAN 71X, ILS: 11, ACLS LINK 4: 336.0

[Designer's note]
(1) As the Mission Commander, the 1st Player must select Hawk 1-1 (tail# 211). The 2nd player is recommended to sit in Hawk 1-2 (tail# 212). The 3rd and 4th Players are recommended to select Hawk 2-1 (tail# 213) and Hawk 2-2 (tail# 214). If more than 4 Players join the mission, recommend to sit into Hawk 1 and Hawk 2 evenly. **(2)** If Hawk 2 is not seated by any Players, an AI Hawk 2 Flight will be activated to assist Players to complete the mission but don't expect them to do too much.

[Mission Briefing]
Hawk 1-1 is the Mission Commander and Lead of Hawk One to bomb the primary and secondary target; Hawk 2-1 is the Lead of Hawk Two and is responsible for destroying enemy SAMs at the target site; Hawk 3-1 is the Lead of Hawk Three which is to escort the package. All aircraft will start cold on deck, joker fuel is 7,000lbs and bingo fuel is 6,000lbs, the bullseye is Waypoint 3 (ROCK). This is a drop and leave attack, remember to load your target coordinate into your JDAM in PP mode, Hawk 1-1's targets are factory A and B, Hawk 1-2's targets are factory C and D; Hawk 1-3 and 1-4 also need to set Factory A/B and C/D into their PPC as a backup, then Hawk 1-3 to set Storage 1 and 2 to another PPC whilst Hawk 1-4 to set Laboratory N and S to another PPC respectively. It's thunderstorm night out there, pitching deck with wind speed reaching almost 40 knots, our loadout is heavy, especially for Hawk One, 19 degree trim and full afterburner for launch to reach a higher climb rate. Case III departure, after KILO, proceed to Waypoint 1 (RV) for classic TACAN Rendezvous at 25,000 feet with 250 IAS. Cloud tops at 20,000 fleet, and it's half-moon now so we should have a better visual up there. Once grouped, Hawk 1-1 will give order to the flight to push for Waypoint 2 (ING), during this ingress leg, we will procedurally increase speed to 0.75 Mach and climb to 30,000 feet to save more fuel for our way back. We will also switch PRI COMM to Channel 2 (Strike) and AUX COMM to Channel 4 (Hawk). It's a night flight, so remember to set both baro and radar altitude warning. At Waypoint 2 (ING), we should turn off external lights except for formation light, then we will check in with STRIKE and continue our ingress via Waypoint 3 (ROCK), where the Rajaei Seaport is located and under our control now. We will maintain MSL 30K and turn north after feet dry. Before reaching Waypoint 4 (IP), we will Fence In, Hawk 1 should check their JDAM status and confirm final targets assignment, Hawk 2 should set their HARM ready in either BP or TOO mode and look for radar emitter near Waypoint 5 (TGT), whilst Hawk 3 should perform a G warm up and use A-A radar to search possible Iranian interceptors in the north. At Waypoint 4 (IP), we will report to STRIKE for attack clearance, then we should turn northwest for the attack.

After Waypoint 4, Hawk 2 will lead the package and initiate attack on enemy's SAM site deployed in the target area, Hawk 3 will watch out and protect the package from enemy's airborne threat, especially from the Kerman region, where both Russian and Iranian fighter jets might scramble to intercept us. Once SAM is neutralized or offline, Hawk 1 should change to trail formation with 1nm interval, 10 seconds gap, to run in and drop all JDAMs on their assigned targets in one run. Hawk 3 needs to escort Hawk 1 and continue to push toward WP5, in case unknown SAM pops up in the target area; whilst Hawk 2 to establish TARCAP position about 10nm east of WP5. Hawk 1-1 and Hawk 1-2 will attack on the primary targets and Hawk 1-3 and Hawk 1-4 attack on the secondary targets, however, in case Hawk 1-1 and Hawk 1-2 encounter problems to deploy the weapon, Hawk 1-3 and Hawk 1-4 will go in to attack the primary targets as backup. After all bombs are released, we will make a left in-place turn and egress immediately towards Waypoint 6 (EGR). 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, three fourth is 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 your RWR spikes, also feel free to jettison fuel tanks if you think necessary. We will Fence Out at Waypoing 6 (EGR). If all goes well, we wouldn't need to refuel before recovery, but we will check our fuel status after passing Waypoing 6, as usual, tankers will be available over the Hormuz Strait water when we get feet wet after Waypoint 6. Case III recovery in a thunderstorm night, prepared for pitching deck and turbulance. Minimum fuel reserve for alternative airfield is 2,000lbs, primary emergency airfield is Fujairah International Airport, about 70nm northwest 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, but pay regular attention to your fuel status, we don't want anyone to be barricated in the end due to low fuel. Now let's ride over the storm and get the job done. Good luck!

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Basic Info

Tasks

Primary Objective	Destroy Sirjan Golgohar Industry's weapon factory workshops
Secondary Objective	Destroy Sirjan Golgohar Industry's storage and laboratory facilities

Threats

1. SA-11 and AAA at Sirjan Golgohar factory
2. IAF CAP Flight F-14, Mig-29 in the north
3. Unknown mobile SAMs (SA-6, SA-11, SA-2) in Sirjan region

Package	Flight	Callsign	Aircraft	Task	Tail #	Payload
	Hawk 1	Hawk 1-1	F/A-18C	Deep Strike	211 (Lead)	2*AIM-9X, 1*AIM-120C, 2*GBU-31V2, 3*Fuel tank, ATFLIR
		Hawk 1-2	F/A-18C	Deep Strike	212	2*AIM-9X, 1*AIM-120C, 2*GBU-31V2, 3*Fuel tank, ATFLIR
		Hawk 1-3	F/A-18C	Deep Strike	213	2*AIM-9X, 1*AIM-120C, 2*GBU-31V2, 3*Fuel tank, ATFLIR
		Hawk 1-4	F/A-18C	Deep Strike	214	2*AIM-9X, 1*AIM-120C, 2*GBU-31V2, 3*Fuel tank, ATFLIR
	Hawk 2	Hawk 2-1	F/A-18C	SEAD	207 (Lead)	2*AIM-9X, 1*AIM-120C, 2*AGM-88C, 3*Fuel tank, ATFLIR
		Hawk 2-2	F/A-18C	SEAD	208	2*AIM-9X, 1*AIM-120C, 2*AGM-88C, 3*Fuel tank, ATFLIR
	Hawk 3	Hawk 3-1	F/A-18C	Escort	209 (Lead)	2*AIM-9X, 4*AIM-120C, 1*AIM-7P, 3*Fuel tank, ATFLIR
		Hawk 3-2	F/A-18C	Escort	210	2*AIM-9X, 4*AIM-120C, 1*AIM-7P, 3*Fuel tank, ATFLIR

Support	Flight	Callsign	Aircraft	Task	TACAN	Frequency	Channel	Planned Altitude
	Magic 1	STRIKE	E-2D	AWACS	N/A	265.0 AM	2	N/A
	Shell 1	Shell 1-1	S-3B	A-A Refuel	55X	270.0 AM	7	MSL 3K
	Arco 1	Arco 1-1	KC-130	A-A Refuel	51X	257.0 AM	8	MSL 25K
	Arco 2	Arco 2-1	KC-130	A-A Refuel	52X	255.0 AM	9	MSL 26K
	Texaco 1	Texaco 1-1	KC-135	A-A Refuel	60X	262.0 AM	10	MSL 18K

Emergency Airport	Tower	Coordinate
Khasab Airport	124.35 Mhz	N 26°10'57", E 56°14'37"
Bandar-e-Jask	118.15 Mhz	N 25°39'02", E 57°47'34"
Fujairah Int'l Airport	124.6 Mhz	N 25°06'21", E 56°20'25"

Mission Radio Cards

Radio COMM1					Radio COMM2				
Channel	Code	Callsign	Frequency	Module	Channel	Code	Callsign	Frequency	Module
1	Green	Mother	305.0	AM	1	Green	Mother	305.0	AM
2	Red 1	Strike	264.0	AM	2	Red 1	Strike	264.0	AM
3	Red 2	Guardian	265.0	AM	3	Red 2	Guardian	265.0	AM
4	Yellow 1	Hawk	256.0	AM	4	Yellow 1	Hawk	256.0	AM
5	Yellow 2	Sting	254.0	AM	5	Yellow 2	Sting	254.0	AM
6	Yellow 3	Hornet	250.0	AM	6	Yellow 3	Hornet	250.0	AM
7	Purple 1	Shell 1	270.0	AM	7	Purple 1	Shell 1	270.0	AM
8	Purple 2	Arco 1	257.0	AM	8	Purple 2	Arco 1	257.0	AM
9	Purple 3	Arco 2	255.0	AM	9	Purple 3	Arco 2	255.0	AM
10	Purple 4	Texaco	262.0	AM	10	Purple 4	Texaco	262.0	AM
11	Blue 1	Darknight	259.0	AM	11	Blue 1	Darknight	259.0	AM
12	Blue 2	Deathstar	268.0	AM	12	Blue 2	Deathstar	268.0	AM
13	Blue 3	Hammer	269.0	AM	13	Blue 3	Hammer	269.0	AM
14	Blue 4	Warrior	260.0	AM	14	Blue 4	Warrior	260.0	AM
15	Blue 5	Firefly	263.0	AM	15	Blue 5	Firefly	263.0	AM
16	Blue 6	Axeman	261.0	AM	16	Blue 6	Axeman	261.0	AM
17	Orange 1	Colt	267.0	AM	17	Orange 1	Colt	267.0	AM
18	Orange 2	Chevy	251.0	AM	18	Orange 2	Chevy	251.0	AM
19	Orange 3	Check	253.0	AM	19	Orange 3	Check	253.0	AM
20	Orange 4	Cobra	266.0	AM	20	Orange 4	Cobra	266.0	AM

Targets Cards

Hawk 1 Targets						
TGT#	Priority	Type	Coordinate	Elevation	Assignment	Remark
1	Primary	Building	N29°05'28.41" E55°19'25.07"	5717ft	Hawk 1-1	Weapon Factory A
2	Primary	Building	N29°05'28.44" E55°19'28.85"	5727ft	Hawk 1-1	Weapon Factory B
3	Primary	Building	N29°05'28.47" E55°19'33.16"	5730ft	Hawk 1-2	Weapon Factory C
4	Primary	Building	N29°05'28.50" E55°19'37.54"	5733ft	Hawk 1-2	Weapon Factory D
5	Secondary	Building	N29°05'24.55" E55°19'32.71"	5727ft	Hawk 1-3	Storage 1
6	Secondary	Building	N29°05'24.57" E55°19'35.82"	5729ft	Hawk 1-3	Storage 2
7	Secondary	Building	N29°05'29.94" E55°19'43.24"	5734ft	Hawk 1-4	Laboratory N
8	Secondary	Building	N29°05'28.15" E55°19'43.27"	5734ft	Hawk 1-4	Laboratory S

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Flight Plan

Flight Plan (Hawk 1,2,3)						
Number	Name	Altitude	Speed	Time	Description	Remark
0				2115LT	Launch	
1	RV	MSL 25K	0.50M	2125LT	Rendezvous	TACAN Rendezvous (250 IAS)
2	ING	MSL 30K	0.75M	2140LT	Ingress	Check in with STRIKE
3	ROCK	MSL 30K	0.75M	2143LT	Bullseye Point	Landmark: Rajaei Seaport
4	IP	MSL 30K	0.75M	2153LT	Initial Point	Prepare for attack
5	TGT			2200LT	Targets	Attack assigned targets
6	EGR	MSL 30K	0.75M	2220LT	Egress	Feet wet
7	REC	MSL 20K	0.75M	2235LT	Recovery	Recovery Tanker available nearby
11	HOME			2255LT	Landing	

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Attack Plan

Sirjan Golgohan Industry Weapon Factory Satellite Image

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Sirjan Golgohan Industry Weapon Factory Photo

Sirjan Golgohan Industry Weapon Factory Targets Location