OPERATION HORMUZ

MISSION 01 SUNRISE

BRIEFING MATERIAL (CLASSIFIED)

TASK ID: DA-010001

USS CVN-71

VFA-97 WARHAWKS

2011.06.21

SITUATION UPDATE

On 11 June 2011, a right-wing General in the Iranian Army executed a successful coup, resulting in a significant shift in power dynamics. In response to the subsequent international condemnation and possible intervention, the Iranian military has strategically deployed anti-ship missiles along the coastal areas over the week. On 18 June, Iran suddenly announced a full closure of the Strait of Hormuz. This blockade has trapped thousands of commercial cargo ships within the Persian Gulf, posing a severe threat to global maritime trade. In response to this dire situation, the United States and its allies have declared Operation Hormuz. Two aircraft carrier strike groups, USS CVN-71 Theodore Roosevelt and USS CVN-73 George Washington, alongside the Marine Special Purpose Force with its amphibious battle fleet USS Tarawa CV-40, were sent to the region under the command of the U.S. Navy Fifth Fleet. Simultaneously, the U.S. Air Force's 380th Air Expeditionary Wing based in Al Dhafra Air Base was also prepared for a full-scale air campaign. The Joint Air Operation Tasking Center has scheduled a first phase strike, during the initial three days, the United States Navy and Air Force will seamlessly collaborate to execute a series of air combat operations, anti-radar missions, and precision strikes. The primary objectives during the first phase is to establish air superiority and degrade Iran's air defense capabilities along the coastal area; and the secondary objectives are to neutralize Iran's key military assets, including command posts and weapon storage facilities. This initiative is designed to create a strategic pivot for subsequent ground operations by the United States Marine Corps, aiming to disarm Iran's military presence in the coastal region, and ultimately reopen the Strait of Hormuz. The success of this operation will not only maintain the global flow of commerce and securing energy supply, but also, deter any attempts to block this vital trade route, and ensure the stability and resilience in the face of geopolitical challenges.

MISSION BRIEFING

Hawk 1-1 is the Mission Commander, and Hawk 2-1 is the backup Commander. Dodge, Magic and Hawks will be launched from CVN-71. Dodge 1 is to suppress enemy radars with its tactical jamming system and cover the package during ingress. Hawk 1 is designated for the primary objective - destroy Bandar-e-Jask Air Base runway, suggest to set bomb release mode as AUTO (CCRP), 8*MK83 should be released in one run with 500ft interval. Hawk 2 is loaded with 4*AGM-88 and aim to suppress the enemy SA-10 Site (at WP5) near the airbase, when Dodge 1 is too close to provide effective jamming to the enemy radars, also suppress the SA-6 near Kuh Mobarak (20nm west of Bandar-e-Jask). Hawk 3 is assigned to attack aircraft hangars with 4*JDAMs, which should be all released in one run, so better get the coordinates done in PP mode during the aircraft's cold start.

After the engine started, keep PRI COMM on Green 1 and switch AUX COMM to HAWK (Yellow 1), we will start radio checks in 3 minutes. Dodge 1 will be launched first and orbit at WP1 (codename: Miller's Planet). All other flights must be launched before 0515LT and arrive at rendezvous point by 0520LT. In the meantime, Devil Flights will be launched from CVN-73. Devil 1 is to provide additional SEAD escort beside Hawk 2; Devil 2's task is to escort the package for ingress, bring down enemy airborne threat; Devil 3 is assigned to destroy anti-ship missile batteries deployed in the southwest of Bandar-e-Jask. Devil 4 will be backup for Hawk 1. Once KILO, switch PRI COMM to STRIKE (Red 1) and keep AUX COMM on HAWK (Yellow 1). TACAN Rendezvous at WP1 at 20K MSL with 0.6 Mach speed. At 0520LT, the package will start to push for WP2. Once all flights are ready at WP2, STRIKE will clear for push with codeword "Interstellar". All flights to follow Dodge 1 to push for WP4 (ROCK).

During the ingress phase, all aircraft should stay close formation behind Dodge 1, to keep inside the Prowler's effective coverage. When STRIKE gives clearance to start the attack with codeword "Gargantua", Hawk 2 will initiate the attack by engaging the SA-10 site at WP6, while other flights continue to keep ingressing with Dodge 1. Each flight will start fence in check, especially for the JDAM flight who must get the bombs aligned in advance. In case we failed to neutralize SA-10 site, STRIKE will call back the package with codeword "Do not attempt docking" to abort the attack and all flights need to follow Dodge 1 to egress south immediately. Once SA-10 is neutralized, STRIKE will give signal with codeword "We are lined up" to confirm safe to run in.

At WP3 (ROCK), Dodge 1 will detach northwest, each flight will go Armstrong. Devil 2 will escort the package from airborne threat. Hawk 1 and Hawk 3 will go 1.5nm spread trail formation and proceed to WP4 (IP). Hawk 1 will descend to 15K MSL and turn to WP5 for the attack from IP, Runway heading is 062, the route from WP4 to WP5 is aligned with the runway. Hawk 1 must release all their bombs with one run then egress southeast. Meanwhile, Devil 3 and Hawk 3 will climb to 25K MSL at IP and turn to WP5 for the attack. All flights should maintain above 12K MSL to avoid AAA threat. After bombs released, egress southest to WP6 and climb to 25K MSL, then egress south to WP7. IAGW, At WP7, we will swtich PRI COMM to Green 1 and contact marshal for recovery. Shell 1 and Shell 2 will be in standby and launch upon request to provide recovery refueling if needed. Good Luck!

[Codeword]
Interstellar - Package clear to push for mission
Gargantua - Clear to attack assigned target
We are lined up - SAM neutralized, clear to run in for attack
Do not attempt docking - SAM not neutralized, mission abort

[Designer's Note]
1. Hawk 1-1 (Tail#211) must be seated by one Player to trigger mission events.
2. A backup of Hawk flight consists of 4 F/A-18C is hot on ramp just in case needed.
3. Recovery tankers are ready on deck and will be launched upon request via F10 Radio Menu.
4. Players need to stay within 1.0nm of the Prowler (S-3B as EA-6B) to remain "invisible" to enemy SAM sites.
5. During attack phase at IP, Hawk 1 should set HUD display on LDDI as sunrise will interfere the display on HUD.

BASIC INFORMATION

START TIME 21-JUN-2011 0500LT (0100UTC)
SCHED LAU TIME 0510LT CASE III DEP LOC N2331E5942
EXP REC TIME 0615LT CASE I REC LOC N2344E5937
HOME FREQ 305AM TCN 71X ILS 11 LINK4 336
WX CLR SR 0525LT SS 1912LT TEMP 25 C CLD 8K WIND 158 12KTS SEA 2 GOOD VSBY

MISSION OBJECTIVES

Primary	Destroy runway of Bandar-e-Jask
Secondary	Destroy Anti-ship missile launchers eastwest of Bandar-e-Jask
Tertiary	Destroy airport facilities aircrafts at Bandar-e-Jask Air Base

THREAT ANALYSIS

Air to air	Mig-29, F-14, F-1 (Iran CAP Flights)
Surface to air	SA-10 and AAA at Bandar-e-Jask Air Base, SA-6 near Kuh Mobarak

FLIGHT ROSTER

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

PACKAGE ELEMENTS

FLIGHT	AIRCRAFT	NO.	TASK	TARGET
Dodge 1	EA-6B	1	Electronic Warfare	Enemy Radars
Hawk 1	F/A-18C	4	Runway Attack	Bandar-e-Jask runway
Hawk 2	F/A-18C	2	SEAD	SA-10 at Bandar-e-Jask
Hawk 3	F/A-18C	2	Pinpoint Strike	Aircraft at Bandar-e-Jask
Devil 1	F/A-18C	2	SEAD Escort	Surface Threats
Devil 2	F/A-18C	2	Escort	Airborne Threats
Devil 3	F/A-18C	2	Pinpoint Strike	Anti-ship batteries

SUPPORT FLIGHT

FLIGHT	AIRCRAFT	NO.	TASK	A/A TCN	REMARKS
Magic 1	E-2D	1	AWACS		Callsign STRIKE
Hornet 2	F/A-18C	2	Escort		Vul 120 min
Shell	S-3B	M	Refuel	TBN	Ready on deck

ALTERNATE AIRFIELD

AIRFIELD	FREQUENCY	COORDINATE	REMARKS
Fujairah	124.600 AM	N25°06'21" E56°20'25"	

LOADOUT

STATION	9	8	7	6	5	4	3	2	1
Hawk 1-1	9X	2*83	2*83	120C	CT	AFLIR	2*83	2*83	9X
Hawk 1-2	9X	2*83	2*83	120C	CT	AFLIR	2*83	2*83	9X
Hawk 1-3	9X	2*83	2*83	120C	CT	AFLIR	2*83	2*83	9X
Hawk 1-4	9X	2*83	2*83	120C	CT	AFLIR	2*83	2*83	9X
Hawk 2-1	9X	88	88	120C	CT	AFLIR	88	88	9X
Hawk 2-2	9X	88	88	120C	CT	AFLIR	88	88	9X
Hawk 3-1	9X	J-83	J-83	120C	CT	AFLIR	J-83	J-83	9X
Hawk 3-2	9X	J-83	J-83	120C	CT	AFLIR	J-83	J-83	9X

INTERNAL	GUNS	FLARE	CHAFF	TOTAL FUEL	TOTAL WEIGHT	ADV TRIM
Hawk 1-1	578	60	60	13047 lbs	50175 lbs	19
Hawk 1-2	578	60	60	13047 lbs	50175 lbs	19
Hawk 1-3	578	60	60	13047 lbs	50175 lbs	19
Hawk 1-4	578	60	60	13047 lbs	50175 lbs	19
Hawk 2-1	578	60	60	13047 lbs	44948 lbs	17
Hawk 2-2	578	60	60	13047 lbs	44948 lbs	17
Hawk 3-1	578	60	60	13047 lbs	45484 lbs	17
Hawk 3-2	578	60	60	13047 lbs	45484 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	262.00	10	Violet 3	Texaco	262.00
11	Violet 4	Arco	259.00	11	Violet 4	Arco	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	Colt	261.00	16	Blue 2	Colt	261.00
17	Blue 3	Ford	267.00	17	Blue 3	Ford	267.00
18	Indigo 1	Spartan	251.00	18	Indigo 1	Spartan	251.00
19	Indigo 2	Viper	253.00	19	Indigo 2	Viper	253.00
20	Indigo 3	Tiger	266.00	20	Indigo 3	Tiger	266.00

FLIGHT PLAN (HAWK 1)

WP	NAME	TIME	SPEED	ALTITUDE	ACTION	REMARKS
0	HOME	0510L			Launch	Bingo 6000 lbs
1	RV	0520L	0.65M	MSL 20K	Regroup	Miller's Planet
2	ING	0523L	0.65M	MSL 24K	Push	Dr. Mann's Planet
3	ROCK	0538L	0.65M	MSL 24K	Armstrong	A/A Bullseye
4	IP	0540L	0.75M	MSL 15K	Ready	Initial Point
5	TGT	0541L	0.75M	MSL 15K	Attack	Target Point
6	EGR	0542L	0.75M	MSL 25K	Egress	Egress Point
7	OUT	0550L	0.75M	MSL 25K	Fence Out	Check fuel
8	REC	0615L			Landing	Recovery tanker ready

FLIGHT PLAN (HAWK 2)

WP	NAME	TIME	SPEED	ALTITUDE	ACTION	REMARKS
0	HOME	0510L			Launch	Bingo 6000 lbs
1	RV	0520L	0.65M	MSL 20K	Regroup	Miller's Planet
2	ING	0523L	0.65M	MSL 24K	Push	Dr. Mann's Planet
3	ROCK	0538L	0.65M	MSL 24K	Attack SA-10	A/A Bullseye
4	TOO	0540L	0.75M	MSL 25K	SEAD	Provide SEAD Support
5	TGT	0541L	0.75M	MSL 25K		SA-10 Location
6	EGR	0542L	0.75M	MSL 25K	Egress	Egress Point
7	OUT	0550L	0.75M	MSL 25K	Fence Out	Check fuel
8	REC	0615L			Landing	Recovery tanker ready

FLIGHT PLAN (HAWK 3)

WP	NAME	TIME	SPEED	ALTITUDE	ACTION	REMARKS
0	HOME	0510L			Launch	Bingo 6000 lbs
1	RV	0520L	0.65M	MSL 20K	Regroup	Miller's Planet
2	ING	0523L	0.65M	MSL 24K	Push	Dr. Mann's Planet
3	ROCK	0538L	0.65M	MSL 24K	Armstrong	A/A Bullseye
4	IP	0540L	0.75M	MSL 25K	Ready	Initial Point
5	TGT	0541L	0.75M	MSL 25K	Attack	Target Point
6	EGR	0542L	0.75M	MSL 25K	Egress	Egress Point
7	OUT	0550L	0.75M	MSL 25K	Fence Out	Check fuel
8	REC	0615L			Landing	Recovery tanker ready

TARGET COORDINATE (HAWK 3)

NO.	TYPE	COORDINATES (PRECISE)	ELEVATION	REMARKS
1	Hangar	N 25°39'05.00", E 57°47'00.85"	MSL 22ft	Aircraft Hangar N1
2	Hangar	N 25°39'06.42", E 57°47'03.56"	MSL 22ft	Aircraft Hangar N2
3	Hangar	N 25°39'07.97", E 57°47'06.48"	MSL 23ft	Aircraft Hangar N3
4	Hangar	N 25°39'09.41", E 57°47'09.54"	MSL 23ft	Aircraft Hangar N4
5	Hangar	N 25°39'02.48", E 57°47'00.81"	MSL 21ft	Aircraft Hangar S1
6	Hangar	N 25°39'03.87", E 57°47'03.61"	MSL 21ft	Aircraft Hangar S2
7	Hangar	N 25°39'05.21", E 57°47'06.35"	MSL 23ft	Aircraft Hangar S3
8	Hangar	N 25°39'06.23", E 57°47'08.80"	MSL 24ft	Aircraft Hangar S4

FLIGHT PLAN

NOTES

TARGET IMAGE

PART D. KNEEBOARD
TASK ID: DA-010001

BASIC INFO
START TIME 21-JUN-2011 0500LT (0100UTC)
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HOME FREQ 305AM TCN 71X ILS 11 LINK4 336
WX CLR SR 0525LT SS 1912LT TEMP 25 C CLD 8K WIND 158 12KTS SEA 2 GOOD VSBY

FLIGHT

FLT	CS	TAIL#	A/A	DLNK	WPN
Hawk 1	Hawk 1-1	211	11X	HK11	9X,2*83,2*83,120C,CT,AFLIR,2*83,2*83,9X
	Hawk 1-2	212	12X	HK12	9X,2*83,2*83,120C,CT,AFLIR,2*83,2*83,9X
	Hawk 1-3	213	13X	HK13	9X,2*83,2*83,120C,CT,AFLIR,2*83,2*83,9X
	Hawk 1-4	214	14X	HK14	9X,2*83,2*83,120C,CT,AFLIR,2*83,2*83,9X
Hawk 2	Hawk 2-1	215	21X	HK21	9X,88,88,120C,CT,AFLIR,88,88,9X
	Hawk 2-2	216	22X	HK22	9X,88,88,120C,CT,AFLIR,88,88,9X
Hawk 3	Hawk 3-1	217	31X	HK31	9X,J-83,J-83,120C,CT,AFLIR,J-83,J-83,9X
	Hawk 3-2	218	32X	HK32	9X,J-83,J-83,120C,CT,AFLIR,J-83,J-83,9X

PACKAGE

FLT	AC	NO.	TASK
Dodge 1	EA-6B	1	EW
Hawk 1	F/A-18C	4	Runway Attack
Hawk 2	F/A-18C	2	SEAD
Hawk 3	F/A-18C	2	Pinpoint Strike
Devil 1	F/A-18C	2	SEAD Escort
Devil 2	F/A-18C	2	Escort
Devil 3	F/A-18C	2	Pinpoint Strike

FLIGHT PLAN (HAWK 1, 2, 3)

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0	HOME	0510L		
1	RV	0520L	0.65M	20K
2	ING	0523L	0.65M	24K
3	ROCK	0538L	0.65M	24K
4	IP TOT	0540L	0.75M	
5	TGT	0541L	0.75M	
6	EGR	0542L	0.75M	25K
7	OUT	0550L	0.75M	25K
8	REC	0615L		

ALT AFLD

AFLD	FREQ	COOR
Fujairah	124.600	N25°06' E56°20'

SUPPORT

FLT	AC	TASK	A/A	RMRK
Magic 1	E-2D	AWACS		CH2
Hornet 2	F/A-18C	Escort		CH15
Shell 1	S-3B	Refuel	51X	CH8
Shell 2	S-3B	Refuel	52X	CH9

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
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12	Orange 1	Devil	268.00
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15	Blue 1	Hornet	263.00
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18	Indigo 1	Spartan	251.00
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TARGET INFO (HAWK 3)				
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8	Hangar	N 25°39'06.23", E 57°47'08.80"	MSL 24ft	Aircraft Hangar S4

NOTES

Codeword
Interstellar - Package clear to push for mission
Gargantua - Clear to attack assigned target
We are lined up - SAM neutralized. clear to run in for attack
Do not attempt docking - SAM not neutralized. mission abort

GULF OF OMAN
OIR21
OOD 37
CVN-73
0
1
2
3
4
5
6
7
8

SA-6
Banda Jask Air Base
SA-10
IP
Attack angle 062
N

Primary Objective
Banda Jask AB Runway
(Hawk 1 Target)
Tertiary Objective
Aircraft Hangars
Hawk 3 Target
SAM Threat
Devil 1 & Hawk 2 Target
Secondary Objective
Silkworm anti-ship missiles
(Devil 2 Target