Operation Hormuz Campaign

Mission 22 Kerman Desolve

Time:	**11(+1)-Jul-2011 2200UTC (0100LT)**						
Weather:	**Clear**	**Temp:**	**25°C**	**Sunrise:**	**0533LT**	**Sunset:**	**1912LT**
Visibility:	**Night**	**Clouds:**	**Scattered**	**Wind:**	**331, 5kts**		

Situation

The joint OCA operation on Day 21 effectively eliminated the remaining Iranian air power and the Russian mercenary fighters in the Kerman region. One F-15C was shot down during the egress phase in the morning, but the pilot was rescued by the Marines and returned to the Jiroft base safely. Air supremacy over the Kerman sky was held in our hands now. The ground force started pushing further north with more air support, however, they encountered much stronger resistance to the south of Rayen, presumably by the Russian mercenary troops. On Day 22, another joint air operation by the Air Force and the Navy was scheduled with the goal of destroying the air defense system in the Kerman region, which had been a major threat for our allied aircraft operating in that region. Similar to Jiroft's radar system, several early warning radar stations were deployed on the mountaintop of Khu e Bagh e Bala Mountain, connecting the frontline SAM sites with over 80nm distance. These early radar stations could share data with the SAM sites, allowing the SAM sites to launch the missile without turning on its own tracking radar until the last few miles from its target. Hence, attempt to find and neutralize these SAM sites became more complicated and perilous. As most fighter jets deployed at Kerman Airbase were destroyed in our OCA mission, the air defense system was the last shield protecting the Iranian and Russian troops in the region. The first strike on these radars and SAMs would be carried out around midnight, aiming to disarm the early warning radar stations and clear the long-range SAM sites deployed around Kerman City; followed by the second strike that would search and destroy enemy short-to-mid range SAM sites in Rayen region before dawn. If both missions were successful, a major offensive push toward Rayen would be carried out by our ground force in the morning, supported by several CAS sorites. Curfew in Bandar Abbas was lifted and people started to go outside, but life could hardly return to the same as it was before. Barriers used by the defenders were still blocking the streets, and building wrecks and bullet holes could be seen on every corner. Several cargo ships from Sohar and Muscat also berthed at Bandar Abbas' Shahid Bahonar Port, unloading thousands of tons of food, medicines, and other products for daily use. After the Hormuz Strait reopened for transit, more than 500 commercial ships departed the Persian Gulf in a single day, Brent futures fell below 100 USD/barrel as the logistics restored. However, threats to the free navigation of the Hormuz Strait still existed, especially from the increasing probability of nuclear attacks by the Iranian army.

Briefing

Case III Departure 2200UTC. Coordinate N263811 E564433
Case III Recovery 0010UTC. Expected Reocvery Location N260940 E565614
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# 213). Minimum 2 Players are needed to complete Hawk 1's primary objective.
(2) The 3rd and 4th Players are recommended to select Hawk 2-1 (tail# 207) and Hawk 2-2 (tail# 208). Minimum 2 Players are needed to complete Hawk 2's primary objective
(3) If more than 4 Players join the mission, recommend to sit into the 2 Hawks Flight evenly. More players can trigger additional events for better game experience.
(4) If no Players sit into Hawk 2 Flight, an AI Hawk 2 will be activated to assist Players to complete this mission.

[Mission Briefing]
All flights will be cold starting on deck, it's midnight but we are the first sortie today so the deck won't be crowded as usual. Remember to input your targets' coordinates into your weapons before launch (important). Joker fuel is 6500lbs and bingo fuel is 5000lbs. For Hawk 2, it will be useful to set OAP for WP6, which is the SA-10 Site's rough location (RNG 2NM BRG 300, ELEV 5735FT).

Case III departure, we are cleared to turn to WP1 after launch without intercepting the DME-10 arc as there will be no other sorites at this time, the Air Boss has agreed on this so we could save a few amount of fuel. The average altitude in our operation area is about 5,000 feet, and the highest mountain peak is 14,000 feet, we should set our mission's barometer floor to 20,000 feet. TACAN Rendezvous at WP1 at 25,000 feet with 250 IAS. After regrouping, we will push for WP2, mil power and slowly climb to 30,000 feet. We will also switch PRI COMM to Red 1 (Channel 2) and check in with Strike. After feet dry at WP2, we should be directed by Strike to switch PRI COMM to Red 3 (Channel 4) and check in with Darkstar. At this point, all external lights out except formation light. Our contract speed to WP3 will be 0.85Mach, we could be asked to climb to 35,000 feet, just follow the directive from Darkstar. At WP3, Viper 1 and Viper 2, four Air Force F-16C are expected to join us, and we will push for WP4 together. We will FENCE IN after WP3 and increase speed to 0.90Mach before WP4, external tanks can be dumped if fuel is empty or deemed as necessary. Double-check everything, Master arm, weapon fuze, datalink, etc., and make sure you are mission-ready before WP4 (IP).

At WP4, we will get final clearance from Darkstar. Once cleared, Hawk 1 will initiate the attack on the two EW radar sites and two SA-5 radars; Hawk 2, Viper 1 and Viper 2 will orbit at WP4 until the two EW radar stations are destroyed. Hawk 1 needs to run in from WP4 to WP5, full afterburner to increase speed to supersonic to achieve the optimum launch speed for your SLAM-ERs, but always keep south of WP5 (ROCK). SLAM-ERs should be launched at least 5nm before WP5 and Hawk 1 will make a hard in-place turn heading back to WP4. Report TOT so the other flights will know their expected run in time and get prepared.

Once the SA-5 searching radar and tracking radar are destroyed, the SA-5 long-range SAM will no longer be a threat, our package will have more freedom for tactics but most SAMs in the region will likely remain silent. Once the two EW radar stations are destroyed, the other SAM sites are presumed to turn on their searching radar. Viper 1 and Viper 2 will run in to suppress the SA-11 sites in the north of WP5. For Hawk 2, we have two plans: Plan A, continue orbit at WP4 and wait until Vipers neutralized the SA-11 sites and cleared a way for Hawk 2, then Hawk 2 will run in, use HARM missiles to suppress the SA-10 radars and throw JDAMs on the targets once in range, the two SA-6 maximum attack height is 39,000 feet in the operation region, so Hawk 2 can decide either use altitude or HARM missiles to neutralize the SA-6 Sites. Now Plan B, Hawk 2 will descend to 300 feet AGL to run in immediately, setting HARM mode to SP. There is a valley to the west of WP5 which is the mountain peak. After entering the valley, follow the ground terrain and keep heading North (000) for about 45nm, then turn East (090), the SA-10 site should be 20nm out and there is a mountain perfectly blocking its radar from searching the west. Hawk 2 can use this mountain to sneak in. Once at the mountain foot, full afterburner and use pop-up tactics to throw your JDAMs on the targets and use HARM SP to suppress the SA-10 radars. Keep in mind that our goal is to take at least 80% damage to the SA-10 Site. Also if Plan B is used, Hawk 2 need to wait for Vipers to clear a safe way for egressing, otherwise, Hawk 2 must continue to use low-level fly tactics to egress.

For Hawk 1, once the primary objective completed, you can continue to attack the communication towers that set as your secondary objective, these communication towers are used to transmit and share the radar data for all the SAM sites in Kerman region. Destroying these communication towers can increase the damage to Iran's air defense systems in this region.

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Briefing

For Hawk 2, after confirming the SA-10 site is destroyed, you can decide if go for the two SA-6 Site that deployed in the northeast and southeast of Kerman City. Destroying them will be a bonus point but safety is always our priority.

Vipers will continue to suppress all the SA-11 sites in the region and report the progress to us. Once Hawk 1 and Hawk 2 completed all the objectives, we will report back to Darkstar and the whole package will egress via WP7. After checking out with Darkstar, we will switch PRI COMM to Red 1 (Channel 2) and report back to Strike. At WP7, we will FENCE OUT and get feet wet, from there we will also separate with Viper team. Then we will switch PRI COMM to Green 1 (Channel 1) and contact Marshal for recovery. The CVN-71 mission commander will send two S-3B recovery tankers between WP8 and WP9 at 5,000 feet to 10,000 feet, just in case we might need a drink before landing on the carrier.

It is midnight now and we didn't get much time to sleep after yesterday morning's OCA mission, but let's get this mission done safely and quickly, so we can return home and get a good sleep in the morning. Now gears up and see you all on the deck. Good luck!

Objective

Primary Objective	Destroy EW Radar and SA-5 Radars
Secondary Objective	Destroy SA-10 Site deplayed near Kerman Airbase
Tertiary Objective	Destroy Comms Towers and SA-6 Sites deployed in Kerman City

Threats SA-10, SA-11, SA-5, SA-6, AAA, Manpads

Package	Flight	Callsign	Aircraft	Tail #	Task	Payload
	Hawk 1	Hawk 1-1	F/A-18C	211 (Lead)	SEAD	2*AIM-9X, 1*AIM-120C, 2*AGM-84H, AWW-13 Pod, ATFLIR, 2*Fuel tank
		Hawk 1-2	F/A-18C	212	SEAD	2*AIM-9X, 1*AIM-120C, 2*AGM-84H, AWW-13 Pod, ATFLIR, 2*Fuel tank
		Hawk 1-3	F/A-18C	213	SEAD	2*AIM-9X, 1*AIM-120C, 2*AGM-84H, AWW-13 Pod, ATFLIR, 2*Fuel tank
		Hawk 1-4	F/A-18C	214	SEAD	2*AIM-9X, 1*AIM-120C, 2*AGM-84H, AWW-13 Pod, ATFLIR, 2*Fuel tank
	Hawk 2	Hawk 2-1	F/A-18C	207 (Lead)	SEAD	2*AIM-9X, 1*AIM-120C, 1*AGM-88C, 4*GBU-38, ATFLIR, 2*Fuel tank
		Hawk 2-2	F/A-18C	208	SEAD	2*AIM-9X, 1*AIM-120C, 1*AGM-88C, 4*GBU-38, ATFLIR, 2*Fuel tank
		Hawk 2-3	F/A-18C	209	SEAD	2*AIM-9X, 1*AIM-120C, 2*AGM-88C, 2*GBU-38, ATFLIR, 2*Fuel tank
		Hawk 2-4	F/A-18C	210	SEAD	2*AIM-9X, 1*AIM-120C, 2*AGM-88C, 2*GBU-38, ATFLIR, 2*Fuel tank

Support	Flight	Callsign	Aircraft	Task	TACAN	Frequency	Channel	Planned Altitude
	Magic 1	Strike	E-2D	AWACS	N/A	264.0 AM	2	MSL 30K
	Wizard 1	Knight	E-2D	AWACS	N/A	265.0 AM	3	MSL 30K
	Darkstar 1	Darkstar	E-3A	AWACS	N/A	256.0 AM	4	MSL 35K
	Arco 1	Arco 1-1	KC-130	A-A Refuel	51X	270.0 AM	7	MSL 21K
	Arco 2	Arco 2-1	KC-130	A-A Refuel	52X	257.0 AM	8	MSL 22K
	Shell 1	Shell 1-1	S-3B	A-A Refuel	41X	241.0 AM	11	MSL 7K
	Shell 2	Shell 2-1	S-3B	A-A Refuel	42X	242.0 AM	12	MSL 6K

Emergency Airport	Tower	Coordinate
Khasab Airport	124.35 Mhz	N 26°10'57", E 56°14'37"
Fujairah Int'l Airport	124.6 Mhz	N 25°06'21", E 56°20'25"
Bandar Abbas Intl Airport	39.4 Mhz	N 27°13'00", E 56°22'33"
Jiroft Airport	39.25 Mhz	N 28°43'33", E 57°41'01"

Mission Cards

Radio PRI COMM					Radio AUX COMM				
Channel	Code	Callsign	Frequency	Module	Channel	Code	Callsign	Frequency	Module
1	Green 1	Marshall	305.0	AM	1	Green 1	Marshall	305.0	AM
2	Red 1	Strike	264.0	AM	2	Red 1	Strike	264.0	AM
3	Red 2	Knight	265.0	AM	3	Red 2	Knight	265.0	AM
4	Red 3	Darkstar	256.0	AM	4	Red 3	Darkstar	256.0	AM
5	Yellow 1	Hawk 1	254.0	AM	5	Yellow 1	Hawk 1	254.0	AM
6	Yellow 2	Hawk 2	250.0	AM	6	Yellow 2	Hawk 2	250.0	AM
7	Purple 1	Arco 1	270.0	AM	7	Purple 1	Arco 1	270.0	AM
8	Purple 2	Arco 2	257.0	AM	8	Purple 2	Arco 2	257.0	AM
9	Purple 3	Texaco 1	255.0	AM	9	Purple 3	Texaco 1	255.0	AM
10	Purple 4	Texaco 2	262.0	AM	10	Purple 4	Texaco 2	262.0	AM
11	Purple 5	Shell 1	259.0	AM	11	Purple 5	Shell 1	259.0	AM
12	Purple 6	Shell 2	268.0	AM	12	Purple 6	Shell 2	268.0	AM
13	Blue 1	Spade	269.0	AM	13	Blue 1	Spade	269.0	AM
14	Blue 2	Heart	260.0	AM	14	Blue 2	Heart	260.0	AM
15	Blue 3	Club	263.0	AM	15	Blue 3	Club	263.0	AM
16	Blue 4	Diamond	261.0	AM	16	Blue 4	Diamond	261.0	AM
17	Orange 1	Viper	267.0	AM	17	Orange 1	Viper	267.0	AM
18	Orange 2	Falcon	251.0	AM	18	Orange 2	Falcon	251.0	AM
19	Orange 3	Check	253.0	AM	19	Orange 3	Check	253.0	AM
20	Orange 4	Chevy	266.0	AM	20	Orange 4	Chevy	266.0	AM

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Flight Plan

Hawk 1 & Hawk 2						
Number	**Name**	**Altitude**	**Speed**	**Time**	**Description**	**Remark**
0				0115LT	Launch	
1	RV	MSL 25K	0.50M	0125LT	Rendezvous	TACAN Rendezvous (250 IAS)
2	DRY	MSL 30K	0.80M	0130LT	Feet Dry	Landmark: Bandar Abbas City
3	ING	MSL 35K	0.85M	0140LT	Ingress	Check in with Darkstar on Red 2
4	IP	MSL 35K	0.90M	0145LT	Initiate SEAD attack	Final check with Darkstar
5	ROCK	MSL 35K	1.00M	0146LT	Bullseye Point	Landmark: Kuh-e-Shah Peak
6	KER		0.85M	0210LT	Kerman Airbase	SA-10 Site: OAP RNG 2nm BRG 300 ELEV 5735 feet
7	EGR	MSL 35K	0.85M	0225LT	Egress	Report back to Strike
8	WET	MSL 35K	0.85M	0240LT	Feet Wet	Tanker (Shell) available nearby
9	HOME			0310LT	Landing	Expected recovery location (Bingo fuel 5000lbs)

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Targets Card

Hawk 1 Targets						
TGT#	**Priority**	**Type**	**Coordinate**	**Elevation**	**Assignment**	**Remark**
A	Primary	Radar	N30°33'17.96" E56°21'23.00"	10460ft	Hawk 1-1 / Hawk 1-3	EW Radar Station
B	Primary	Radar	N30°33'38.12" E57°09'28.58"	12230ft	Hawk 1-2 / Hawk 1-4	EW Radar Station
C1	Primary	Radar	N30°57'09.80" E56°58'28.00"	7450ft	Hawk 1-3 / Hawk 1-1	SA-5 Tracking Radar
C2	Primary	Radar	N30°57'09.75" E56°58'34.64"	7445ft	Hawk 1-4 / Hawk 1-2	SA-5 Searching Radar
TGT#	**Priority**	**Type**	**Coordinate**	**Elevation**	**Assignment**	**Remark**
D1	Secondary	Structure	N30°26'29.55" E56°56'59.00"	7460ft	Hawk 1-1 / Hawk 1-3	Comms Tower North
D2	Secondary	Structure	N30°16'22.75" E57°01'58.54"	5760ft	Hawk 1-2 / Hawk 1-4	Comms Tower South
Hawk 2 Targets						
TGT#	**Priority**	**Type**	**Coordinate**	**Elevation**	**Assignment**	**Remark**
1	Primary	Vehicle	N30°16'45.66" E56°55'17.00"	5735ft	Hawk 2-1	Commanding Center
2	Primary	Radar	N30°16'41.59" E56°55'16.91"	5735ft	Hawk 2-1	BB SR (HARM: 104)
3	Primary	Radar	N30°16'43.83" E56°55'11.73"	5736ft	Hawk 2-2	CS SR (HARM: 103)
4	Primary	Radar	N30°16'43.10" E56°55'21.66"	5736ft	Hawk 2-2	FL TR (HARM: 110)
5	Primary	Launcher	N30°16'41.44" E56°55'26.85"	5735ft	Hawk 2-3	S-300 Launcher
6	Primary	Launcher	N30°16'40.63" E56°55'30.74"	5736ft	Hawk 2-3	S-300 Launcher
7	Primary	Launcher	N30°16'39.86" E56°55'34.37"	5736ft	Hawk 2-4	S-300 Launcher
8	Primary	Launcher	N30°16'38.93" E56°55'38.75"	5736ft	Hawk 2-4	S-300 Launcher
TGT#	**Priority**	**Type**	**Location**		**Target Description**	**Remark**
9	Secondary	Radar	Northeast of Kerman City		SA-6 Gainful Radar	SF STR (HARM: 108)
10	Secondary	Radar	Southeast of Kerman City		SA-6 Gainful Radar	SF STR (HARM: 108)

Targets Chart

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Hawk 1 Targets

SA-5 Site Satellite Image

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Hawk 1 Targets

SA-10 Site Satellite Image

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SAM Threat Chart

SAM Sites Deployed around Kerman City

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Battleground Situation Update

Battleground Situation Update in Kerman Region