# OPERATION HORMUZ

## MISSION 06 ARROW RAINSTORM

*BRIEFING MATERIAL (CLASSIFIED)*

TASK ID: CW-064193

USS CVN-71

VFA-97 WARHAWKS

2011.06.26

## SITUATION UPDATE

As a cold front descended from the Caucasus Mountains, sweeping across the Caspian Sea and merging with the humid air of the western Indian Ocean, it brought a vast, expansive rain to the Persian Gulf just as the summer season was on the brink of commencement. This weather phenomenon played a pivotal role in the unfolding events of our military campaign. In the wake of this meteorological shift, our allied ground forces achieved a significant victory, capturing Sirik on Day 05. Their momentum, however, faced an unexpected obstacle as the inclement weather impeded their planned advance towards Minab. Meanwhile, the Iranian Navy's battleships, which had been harbored in Bandar Abbas port since the war's onset due to doubts about their defensive capabilities, found an opportunity in the adverse weather conditions. On the sixth day of the conflict, the heavy cloud cover and persistent rain provided a strategic veil, shielding the movement of the Iranian fleet from our satellite surveillance. At approximately 1200UTC, our satellite, equipped with a motion sensor camera, captured a fleeting glimpse of naval units departing from Bandar Abbas. This sighting was corroborated by one of our Air Force's UAVs operating near Khasab, further solidifying the intelligence. The vessels identified were part of the Iranian Navy's formidable 3rd Battle Fleet, stationed at Bandar Abbas port. This fleet, comprising twelve battleships and two submarines, represented a significant naval force. Our intelligence analysis indicated that seven of these battleships were mobilized for a clandestine operation, likely aiming to disrupt our logistics and supply lines along the coastline stretching from Sirik to Kuh Mubarak. The remainder of the fleet, consisting of five vessels, continued to remain within the safety of the Bandar Abbas naval base. In response to this emerging threat, the 71 Carrier Strike Group was promptly mobilized. Two flights, Hawk 1 and Hawk 2, were assembled and armed with AGM-84D anti-ship Harpoon missiles. Their mission was clear and critical: to locate and neutralize the seven Iranian battleships maneuvering beneath the cloud cover. This decisive action was aimed at thwarting the enemy's plan to attack our supply routes from behind and maintaining the integrity of our military logistics in this strategically vital region. The deployment of Hawk 1 and Hawk 2 signified a crucial countermeasure in this high-stakes chess game of military strategy. As the battleships ventured out from their haven, exploiting the natural camouflage provided by the weather, our forces were poised to engage, demonstrating the adaptability and resilience crucial in modern warfare. The operation's success would not only neutralize the immediate naval threat but also serve as a testament to our strategic foresight and technological prowess in overcoming the challenges posed by nature and the cunning tactics of the adversary.

## MISSION BRIEFING

Hawk 1-1 is the Air Mission Commander (AMC), whilst Hawk 1-2 is the Deputy AMC. The Hawks flights are assigned for search and destroy enemy naval unit mission. 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 and Hawk 2 to switch AUX COMM to Yellow 2. A/A Bullseye point is at WP4 (ROCK), which is Hormoz Island 10nm southeast from Bandar Abbas. Joker fuel is 5,750 lbs and Bingo fuel is 5,000 lbs. Make sure all members in Hawks flights are in your datalink network. After being cleared by the taxi director, proceed to your assigned catapult.

Rainy weather, visible range less than 5nm. Base cloud ceiling at 6,000 feet. Case III departure, after KILO, proceed to WP1 (RV) to regroup at 25,000 feet MSL with 0.6 Mach speed. After rendezvous, Hawk 1-1 will give push order to the package. We will use 0.8 Mach speed and 30,000 feet MSL for ingress. During the ingress leg, we will switch PRI COMM to STRIKE and check in. STRIKE will provide some situation update after our check in.

At WP2 (STA), we will fence in. Enter A-G mode, warm up AGM-84D Harpoons for the attack. We will get final word from STRIKE and prepare our attack from WP2. Our target is Iranian Navy's 3rd Combat Fleet, consists of seven naval units based on our intelligence, codename Freebooter. The combat fleet utilized the thick cloud to hide from satellite tracking. However, our UAV surveilance drone is monitoring their movement from Khasab, although the visibility isn't quite stable, depends on the rain condition. Currently, the Freebooter has passed the waterway between Hormoz Island and Larak Island and is heading southeast with a speed of 24 knots. Based on our intelligence analysts, the Freebooter's objective could be attacking our supply logistics anywhere between Sirik and Kuh Mobarak along the coast. We don't have a specific deadline, but we need to stop them ASAP, before they become a real threat to our ground force. Although the Iranian Navy's largest naval combat ship is Corvette type without much air defense capability, we will try to avoid getting to close to them and finish our attack outside their threat circle. Especially, the Iranian Air Force is still capable to do counter air attacks in the region.

Now our attack tactics, WP2 (STA) will be our station to prepare attack, and WP3 (LAP) will be our launch point. Generally, we should never fly more than 20nm to the north from WP3 (LAP), otherwise, we might enter a danger position within the enemy's CAP combat range.

Use SEA Radar mode to find the target, there aren't any civilian boats or our allied naval units in the strait, so if you see a skunk, it's almost sure an hostile. The Freebooter is capable to shoot down missiles, so saturation attack will be necessary. Hawk 1 will first run in to attack, whilst Hawk 2 can orbit at WP2 (STA). Hawk 1 will go line abreast formation with 2-3 nm spread from each unit, use SEA Radar to find the target and set Harpoon parameters, increase speed to 1.0 Mach at 30,000 feet MSL. We will perform saturation attack with each flight member to fire two Harpoons at the Freebooter once reaching WP3 (LAP), then Hawk 1 will turn cold from starboard side one by one from right to left and return to WP2. Meanwhile, Hawk 2 will run in, same line abreast formation with 2-3 nm, and repeat the saturation attack action like Hawk and return to WP2 (STA). STRIKE will provide BDA based on the UAV surveilance, and we will decide if the 3rd and 4th wave of attack is needed. If lucky enought, we can sink the Freebooter with the first and second wave attacks should the enemy failed to intercept our missiles efficiently, sixteen missiles on seven targets, and we can go home early.

Once mission completed, we will descend to 25,000 feet MSL with 0.75 Mach speed and egress via WP5 (EGR). We will check out with STRIKE and Fence Out at WP5, then switch PRI COMM to CH1 (Green 1) and return to Mother for Case III recovery in the rain. Shell 1 and Shell 2 will be ready on deck as usual. Let's avoid requesting them by doing a better fuel management. 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 3 Flight with 4 F/A-18C is hot on ramp, 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 will be activated if no Players sit into Hawk 2 Flight (after all Hawk 1 members outside DME-1), Players can use F10 Radio Menu to deactivate AI Hawk 2.

## BASIC INFORMATION

START TIME 26-JUN-2011 1700LT (1300UTC)
SCHED LAU TIME 1710LT CASE I DEP LOC N2412E5828
EXP REC TIME 1830LT CASE I REC LOC N2423E5808
HOME FREQ 305AM TCN 71X ILS 11 LINK4 336
WX RA SR 0528LT SS 1902LT TEMP 24C QNH 2998 CLD 6K WIND 109 16KTS SEA 4 LW VSBY

## MISSION OBJECTIVES

| | |
|---|---|
| Primary | Destroy Iran 3rd Combat Fleet (Codename: Freebooter) |
| Secondary | N/A |
| Tertiary | N/A |

## THREAT ANALYSIS

| | |
|---|---|
| Air to air | Iranian Air Force F-14, Mig-29 from Jiroft Airbase |
| | Iranian Air Force F-14, Mig-29 from Havadarya Airbase |
| Surface to air | SA-11 in Bandar Abbas, SA-11 in Tejdanu |
| | Uncharted short-range SAMs deployed along Iranian coastal area |

## FLIGHT ROSTER

| FLIGHT | CALLSIGN | TAIL# | ROLE | A/A TCN | DATALINK | LSR CODE |
|---|---|---|---|---|---|---|
| Hawk 1 | Hawk 1-1 | 211 | Lead | 11X | HK11 | 1681 |
| | Hawk 1-2 | 212 | Wing | 12X | HK12 | 1682 |
| | Hawk 1-3 | 213 | Lead | 13X | HK13 | 1683 |
| | Hawk 1-4 | 214 | Wing | 14X | HK14 | 1684 |
| Hawk 2 | Hawk 2-1 | 215 | Lead | 21X | HK21 | 1685 |
| | Hawk 2-2 | 216 | Wing | 22X | HK22 | 1686 |
| | Hawk 2-3 | 217 | Lead | 23X | HK23 | 1687 |
| | Hawk 2-4 | 218 | Wing | 24X | HK24 | 1688 |

## PACKAGE ELEMENTS

| FLIGHT | AIRCRAFT | NO. | TASK | TARGET |
|---|---|---|---|---|
| Hawk 1 | F/A-18C | 4 | Anti-ship Strike | Iran 3rd Combat Fleet |
| Hawk 2 | F/A-18C | 4 | Anti-ship Strike | Iran 3rd Combat Fleet |

## 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 | KC-135 | 1 | Refuel | 53X | ROCK 200 80 |
| Arco | KC-130 | 1 | Refuel | 54X | ROCK 183 90 |
| 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" | |
| Banda-e-Jask | 118.150 AM | N25°39'18" E57°48'06" | Controlled by allied force |

## LOADOUT

| STATION | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|---|---|
| Hawk 1-1 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 1-2 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 1-3 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 1-4 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 2-1 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 2-2 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 3-1 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |
| Hawk 3-2 | 9X | HPD | HPD | AC | CT | AFLIR | HPD | HPD | 9X |

| INTERNAL | GUNS | FLARE | CHAFF | TOTAL FUEL | TOTAL WEIGHT | ADV TRIM |
|---|---|---|---|---|---|---|
| Hawk 1-1 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 1-2 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 1-3 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 1-4 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 2-1 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 2-2 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 3-1 | 578 | 60 | 60 | 13047 lbs | 46127 lbs | 17 |
| Hawk 3-2 | 578 | 60 | 60 | 13047 lbs | 46127 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 | Hornet | 270.00 | 7 | Yellow 3 | Hornet | 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 | 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 | Snake | 266.00 | 20 | Indigo 3 | Snake | 266.00 |

## FLIGHT PLAN (HAWK 1)

| WP | NAME | TIME | SPEED | ALTITUDE | ACTION | REMARKS |
|---|---|---|---|---|---|---|
| 0 | HOME | 1710L | | | Launch | Bingo 5000 lbs |
| 1 | RV | 1720L | 0.60M | MSL 25K | Regroup | Check in after push |
| 2 | STA | 1730L | 0.80M | MSL 30K | Fence In | On Station |
| 3 | LAP | 1735L | 0.80M | MSL 30K | Attack | Search & Destroy |
| 4 | ROCK | | | | | A/A Bullseye |
| 5 | EGR | 1830L | 0.75M | MSL 25K | Egress | Regroup & Egress |
| 6 | REC | 1900L | | | Landing | Recovery tanker ready |

## FLIGHT PLAN (HAWK 2)

| WP | NAME | TIME | SPEED | ALTITUDE | ACTION | REMARKS |
|---|---|---|---|---|---|---|
| 0 | HOME | 1710L | | | Launch | Bingo 5000 lbs |
| 1 | RV | 1720L | 0.60M | MSL 25K | Regroup | Check in after push |
| 2 | STA | 1730L | 0.80M | MSL 30K | Fence In | On Station |
| 3 | LAP | 1735L | 0.80M | MSL 30K | Attack | Search & Destroy |
| 4 | ROCK | | | | | A/A Bullseye |
| 5 | EGR | 1830L | 0.75M | MSL 25K | Egress | Regroup & Egress |
| 6 | REC | 1900L | | | Landing | Recovery tanker ready |

## PRIMARY TARGET

| NO. | TYPE | LAST POSITION | GROUP | REMARKS |
|---|---|---|---|---|
| 1 | Corvette | N 26°53' E 56°29' | Iranian Navy 3rd Fleet | Corvette Grisha |
| 2 | Corvette | N 26°54' E 56°28' | Iranian Navy 3rd Fleet | Corvette Grisha |
| 3 | Corvette | N 26°53' E 56°29' | Iranian Navy 3rd Fleet | Corvette Molniya |
| 4 | FAC | N 26°54' E 56°28' | Iranian Navy 3rd Fleet | La Combattante IIa |
| 5 | FAC | N 26°54' E 56°28' | Iranian Navy 3rd Fleet | La Combattante IIa |
| 6 | FAC | N 26°53' E 56°29' | Iranian Navy 3rd Fleet | La Combattante IIa |
| 7 | FAC | N 26°53' E 56°29' | Iranian Navy 3rd Fleet | La Combattante IIa |

## FLIGHT PLAN

**NOTE**
Target likely between WP3 and WP4, codename Freebooter

## AIR OPERATION CHART

## GROUND OPERATION CHART

## SATELLITE IMAGE (MOTION SENSOR 1200UTC)

## UAV IMAGE (HIGH CONTRAST 1200UTC)

**PART D. KNEEBOARD**
TASK ID: CW-064193

| BASIC INFO |
|---|
| START TIME 26-JUN-2011 1700LT (1300UTC) |
| SCHED LAU TIME 1710LT CASE I DEP LOC N2412E5828 |
| EXP REC TIME 1830LT CASE I REC LOC N2423E5808 |
| HOME FREQ 305AM TCN 71X ILS 11 LINK4 336 |
| WX RA SR 0528LT SS 1902LT TEMP 24C QNH 2998 CLD 6K WIND 109 16KTS SEA 4 LW VSBY |

**FLIGHT**

| FLT | CS | T# | A/A | DLNK | LASER | WPN |
|---|---|---|---|---|---|---|
| Hawk 1 | Hawk 1-1 | 211 | 11X | HK11 | 1681 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| | Hawk 1-2 | 212 | 12X | HK12 | 1682 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| | Hawk 1-3 | 213 | 13X | HK13 | 1683 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| | Hawk 1-4 | 214 | 14X | HK14 | 1684 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| Hawk 2 | Hawk 2-1 | 215 | 21X | HK21 | 1685 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| | Hawk 2-2 | 216 | 22X | HK22 | 1686 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| | Hawk 2-3 | 217 | 23X | HK23 | 1687 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |
| | Hawk 2-4 | 218 | 24X | HK24 | 1688 | 9X,HPD,HPD,AC,CT,AFLIR,HPD,HPD,9X |

**PACKAGE**

| FLT | AC | NO. | TASK |
|---|---|---|---|
| Hawk 1 | F/A-18C | 4 | Anti-ship Strike |
| Hawk 2 | F/A-18C | 4 | Anti-ship Strike |

**SUPPORT**

| FLT | AC | TASK | A/A | CH | RMRK |
|---|---|---|---|---|---|
| Magic | E-2D | AWACS | | 2 | Strike |
| Darkstar | E-3A | AWACS | | 4 | Darkstar |
| Texaco | KC-135 | Refuel | 53X | 10 | R 200 80 |
| Arco | KC-130 | Refuel | 54X | 11 | R 183 90 |
| Shell 1 | S-3B | Refuel | 51X | 8 | On deck |
| Shell 2 | S-3B | Refuel | 52X | 9 | On deck |

**FLIGHT PLAN (HAWK 1, 2)**

| WP | NAME | TIME | SPEED | ALT | RMRK |
|---|---|---|---|---|---|
| 0 | HOME | 1710L | | | Launch |
| 1 | RV | 1720L | 0.60M | 25K | Regroup |
| 2 | STA | 1730L | 0.80M | 30K | Fence In |
| 3 | LAP | 1735L | 0.80M | 30K | Attack |
| 4 | ROCK | | | | |
| 5 | EGR | 1830L | 0.75M | 25K | Egress |
| 6 | REC | 1900L | | | Landing |

**CODENAME**

| CODENAME | INTERPRETATION |
|---|---|
| Freebooter | Iranian Navy 3rd Combat Fleet |

**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 | Hornet | 270.00 |
| 8 | Violet 1 | Shell 1 | 257.00 |
| 9 | Violet 2 | Shell 2 | 255.00 |
| 10 | Violet 3 | Texaco | 262.00 |
| 11 | Violet 4 | Arco | 259.00 |
| 12 | Orange 1 | Devil | 268.00 |
| 13 | Orange 2 | Chevy | 269.00 |
| 14 | Orange 3 | Check | 260.00 |
| 15 | Blue 1 | Hornet | 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 | Snake | 266.00 |

**ALT AFLD**

| AFLD | FREQ | COOR |
|---|---|---|
| Fujairah | 124.600 | N25°06' E56°20' |
| Bandar e Jask | 118.150 | N25°39' E57°48' |

**NOTE** **Target likely between WP3 and WP4, codename Freebooter**

## AIR OPERATION CHART

## GROUND OPERATION CHART

## SATELLITE IMAGE (MOTION SENSOR 1200UTC)

## UAV IMAGE (HIGH CONTRAST 1200UTC)