

Flight	Aircraft	Tail	Comms	T/O Time	Push Time	Time on Target	End Vul	Assignment
Gunman 1-1	A-10	001	260 AM	06:35	--:--	--:--	--:--	Strike
<b>Gunman 2-1</b>	<b>A-10</b>	<b>003</b>	<b>260 AM</b>	<b>06:35</b>	<b>--:--</b>	<b>--:--</b>	<b>--:--</b>	<b>Strike</b>
Gunman 3-1	A-10	008	260 AM	06:35	--:--	--:--	--:--	Strike
Colt	F-15		258.4 AM	--:--	--:--	--:--	--:--	CAP
Dodge	F-15		259 AM	--:--	--:--	--:--	--:--	CAP

		Chan	ILS	TCN	Countermeasures	240 Chaff, 240 Flare, ALQ-184
Depart	Al Dhafra	131.5 AM		96X	Loadout	1 x 7 M282 MPP AKWS 3 x GBU-12 1 x AGM-65D 1 x AGM-65L CM Gun 100% load Litening TGP
Arrival	Al Dhafra	131.5 AM		96X	Fuel	11,087 lb
Alternate	Al Minhad	125.7 AM	27 = 110.75 09 = 110.70	99X	Total Weight	42,944 lb

### Flight Plan

WP	Alt (k ft)	IAS (Kn)	Notes	WP	Alt (k ft)	IAS (Kn)	Notes
1	5	230	Form flights	8	10	230	IP - Estimated max engagement range of SA-15
2	15	230		9			Last known location SA-15
3	15	230		10			Last known location Mlg-21's
4	15	230	Caution SA-6	11	10	230	Egress
5	15	230	Caution SA-6	12	15	230	
6	15	230	Check in Whiplash	13	15	230	
7	10	230	Ingress Target Area	14			Land Al Dhafra

Joker Fuel = 2200 lb

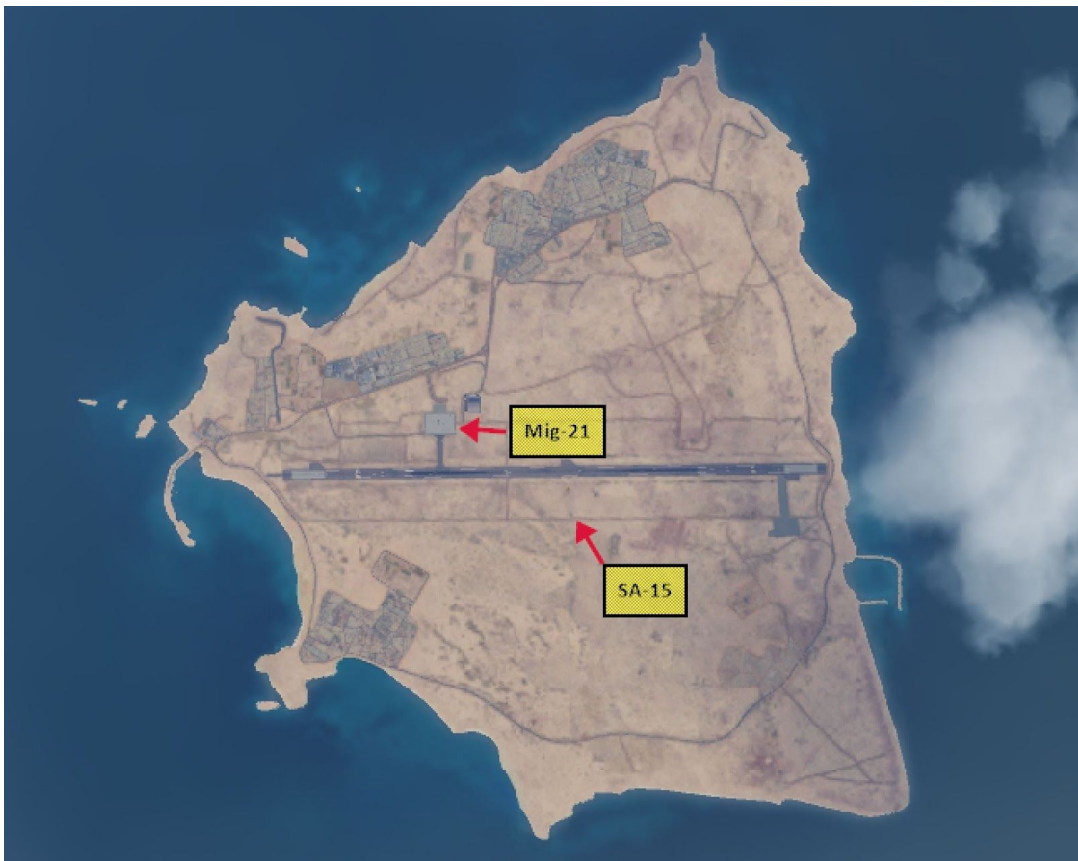
Bingo Fuel = 1700 lb

**Mission Elements**

Callsign	Comms
Overlord	128.5 AM
Whiplash	51.5 FM
Darkstar	141.8 AM
JTAC - Condor 3	30.7 FM

**Comms**

Channel	VHF AM	UHF	VHF FM
1	Al Dhafra ATC	Guard	ASOC - Whiplash
2	Overlord	Gunman	JTAC Eagle
3	Darkstar	Colt	JTAC Hawk
4	AL Minhad ATC	Dodge	JTAC Falcon
5		Ford	JTAC Condor
6			
7			
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18			
19			



## Weather

Wind = 261 7kn @ GL, 270 13Kn @ 6600, 121 20Kn @26000

Temp 17C.

Clouds 7/10 coverage, 7500 ft base, 1500 ft depth.

## Threats

### SR-P19 EWR

*Mobile Early Warning Radar*  
*Acquisition Range ~ 85 nm*

### SA-15 "Gauntlet"

*Radar Guided SAM*  
*Acquisition Range ~ 15 nm*  
*Engagement Range ~ 7 nm*  
*Ceiling ~ 25,000 ft*  
*Missile Mach ~ 2.5*  
*Warhead - Proximity 30lb*  
*Salvo Size - 8*

### SA-6 "Gainful"

*Radar Guided SAM*  
*Acquisition Range ~ 40 nm*  
*Engagement Range ~ 15 nm*  
*Ceiling ~ 40,000 ft*  
*Missile Mach ~ 2.8*  
*Warhead - Prox / Contact 130lb*  
*Salvo Size - 3*

### SA-18 "Grouse" MANPAD

*Portable Infra-Red Guided SAM*  
*Detection Range - Visual*  
*Engagement Range ~ 3 nm*  
*Ceiling ~ 11,000 ft*  
*Missile Mach ~ 1.9*  
*Warhead - Contact, 2.6lb*  
*Salvo Size - 1*

# Threats

RWR	NAME	RWR	NAME	RWR	NAME
A	ZSU-24	P	Patriot	15	F-15
2	SA-2	PA	Patriot	16	F-16
3	SA-3	RO	Roland	18	F-18
6	SA-6	E2	E2 AWACS		
8	SA-8	E3	E3 AWACS		
10	SA-10 TR	50	A50 AWACS		
CS	SA-10 SR LowAlt	23	Mig-23		
BB	SA-10 SR	25	Mig-25		
11	SA-11	29	Mig-29 / SU-27		
SD	SA-11/17 SR	30	SU-30		
13	SA-13	31	Mig-31		
15	SA-15	34	SU-34		
DE	SA-15 SR	M2	M-2000		
HA	Hawk	4	F-4		
S	EW/GCI	5	F-5		
S6	SA-19	14	F-14		

## Countermeasure Programmes

<b>PROG</b>	<b>CHAFF QTY</b>	<b>FLARE QTY</b>	<b>INTERVAL (SEC)</b>	<b>CYCLE</b>
A	2	0	1	10
B	4	0	0.5	10
C	0	4	1	10
D	2	2	1	10
E	2	2	0.5	10
F	4	4	1	10
G	4	4	0.5	10
H	1	0	1	1
I	2	0	1	1
J	0	1	1	1
K	0	2	1	1
L	1	0	1	20
M	0	1	1	20

# ROE

Hostile Act considered if unit:

- Engages friendly forces with a weapons system.

OR

- Supports the weapons systems of other units, resulting in weapons release. Including but not limited to lasing, marking, radar illumination of targets.

Hostile Act considered if unit meets **all** the conditions below:

- Spikes/spots/marks a friendly target within their weapons range or the range of a supporting unit.
- Persistently maneuvers to maintain a weapons firing solution or to maintain solution for fire support.
- PosID as a bandit or belonging to a hostile force.

Hostile Act considered if unit meets **all** the conditions below:

- Moves in an aggressive manner towards friendly forces.
- Actively deploys countermeasures and/or seeks to avoid detection.
- PosID as a bandit or belonging to a hostile force.

Hostile Act considered if unit meets **any** of the conditions below:

(note these conditions may often apply to individuals that are civilian in appearance)

- Observed preparation of an ambush position, including but not limited to the positioning of weapons systems, explosives or significant obstructions in tactically advantageous positions.
- PosID as engaging in the command and control of hostile forces.
- Observed in the use, transportation or maintenance of weapons systems that pose a threat to coalition forces within a contested battlespace.

Upon confirmation of a hostile act, aircrew are cleared to engage and act in self defence or the defence of friendly forces.