

Flight	Aircraft	Tail	Comms	T/O Time	Push Time	Time on Target	End Vul	Assignment
Gunman 2-1	A-10	003	260 AM	14:15	--:--	--:--	--:--	Transit
Gunman	A-10		260 AM	14:15	--:--	--:--	--:--	Transit
Colt	F-15		258.4 AM	--:--	--:--	--:--	--:--	CAP
Dodge	F-15		259 AM	--:--	--:--	--:--	--:--	CAP

		Chan	ILS	TCN	Countermeasures	120 Chaff, 180 Flare, ALQ-184
Depart	Al Dhafra	131.5 AM		96X	Loadout	CM Gun 100% load Litening TGP
Arrival	Al Minhad	125.7 AM	27 = 110.75 09 = 110.70	99X	Fuel	11,087 lb
Alternate					Total Weight	37,289 lb

Flight Plan

WP	Alt (k ft)	IAS (Kn)	Notes	WP	Alt (k ft)	IAS (Kn)	Notes
1	5	230	Form flights				
2			Landing				

Mission Elements

Callsign	Comms
Overlord	128.5 AM
Whiplash	51.5 FM

Comms

Channel	VHF AM	UHF	VHF FM
1	Al Dhafra ATC	Guard	ASOC - Whiplash
2	Overlord	Gunman	
3	AL Minhad ATC	Colt	
4		Dodge	
5		Ford	
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

Weather

Wind = 207 3kn @ GL, 109 8Kn @ 6600, 188 15Kn @26000

Temp 20C.

Clouds 8/10 coverage, 8200 ft base, 2100 ft depth.

Threats

SR-P19 EWR

*Mobile Early Warning Radar
Acquisition Range ~ 85 nm*

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-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-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

PROG	CHAFF QTY	FLARE QTY	INTERVAL (SEC)	CYCLE
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.