

| Flight | Aircraft | Tail | Comms | T/O Time | Push Time | Time on Target | End Vul | Assignment |
|------------|----------|------|--------|----------|-----------|----------------|---------|--------------------|
| Gunman 2-1 | A-10 | 003 | 260 AM | 16:00 | --:-- | --:-- | --:-- | Search and Destroy |
| Gunman 3-1 | A-10 | 005 | 260 AM | 16:01 | --:-- | --:-- | --:-- | Search and Destroy |
| Gunman 1-1 | A-10 | 007 | 260 AM | 16:02 | --:-- | --:-- | --:-- | Search and Destroy |

| | | Chan | ILS | TCN | Countermeasures | 120 Chaff, 360 Flare, ALQ-184 |
|---------|-------|----------|-----|-----|-----------------|--|
| Depart | Lavan | 141.6 AM | | | Loadout | CM Gun 100% load 1 x 7 M282 MPP APKWS 2 x AGM-65 (D&L) 2 x GBU-38 2 x GBU-12 1 x CBU-97 Litening TGP |
| Arrival | Lavan | 141.6 AM | | | Fuel | 11,087 lb |
| | | | | | Total Weight | 44,320 lb |

Flight Plan

| WP | Alt (k ft) | IAS (Kn) | Notes | WP | Alt (k ft) | IAS (Kn) | Notes |
|----|------------|----------|------------|----|------------|----------|--------------|
| 1 | 5 | 230 | | 8 | | 230 | SEARCH 6 |
| 2 | 15 | 230 | Route Gold | 9 | | 230 | SEARCH 7 |
| 3 | | 230 | SEARCH 1 | 10 | | 230 | SEARCH 8 |
| 4 | | 230 | SEARCH 2 | 11 | | 230 | SEARCH 9 |
| 5 | | 230 | SEARCH 3 | 12 | 15 | 230 | Route Silver |
| 6 | | 230 | SEARCH 4 | 13 | 5 | 230 | Approach |
| 7 | | 230 | SEARCH 5 | 14 | | | Landing |

Joker Fuel 2500 lb

Bingo Fuel 2000 lb

Mission Elements

| Callsign | Comms |
|----------|----------|
| Overlord | 128.5 AM |
| Whiplash | 51.5 FM |

Comms

| Channel | VHF AM | UHF | VHF FM |
|---------|-----------|--------|----------|
| 1 | Lavan ATC | Guard | Whiplash |
| 2 | Overlord | Gunman | BLUE |
| 3 | | | ORANGE |
| 4 | | | PURPLE |
| 5 | | | GREEN |
| 6 | | | YELLOW |
| 7 | | | RED |
| 8 | | | BROWN |
| 9 | | | BLACK |
| 10 | | | |
| 11 | | | |

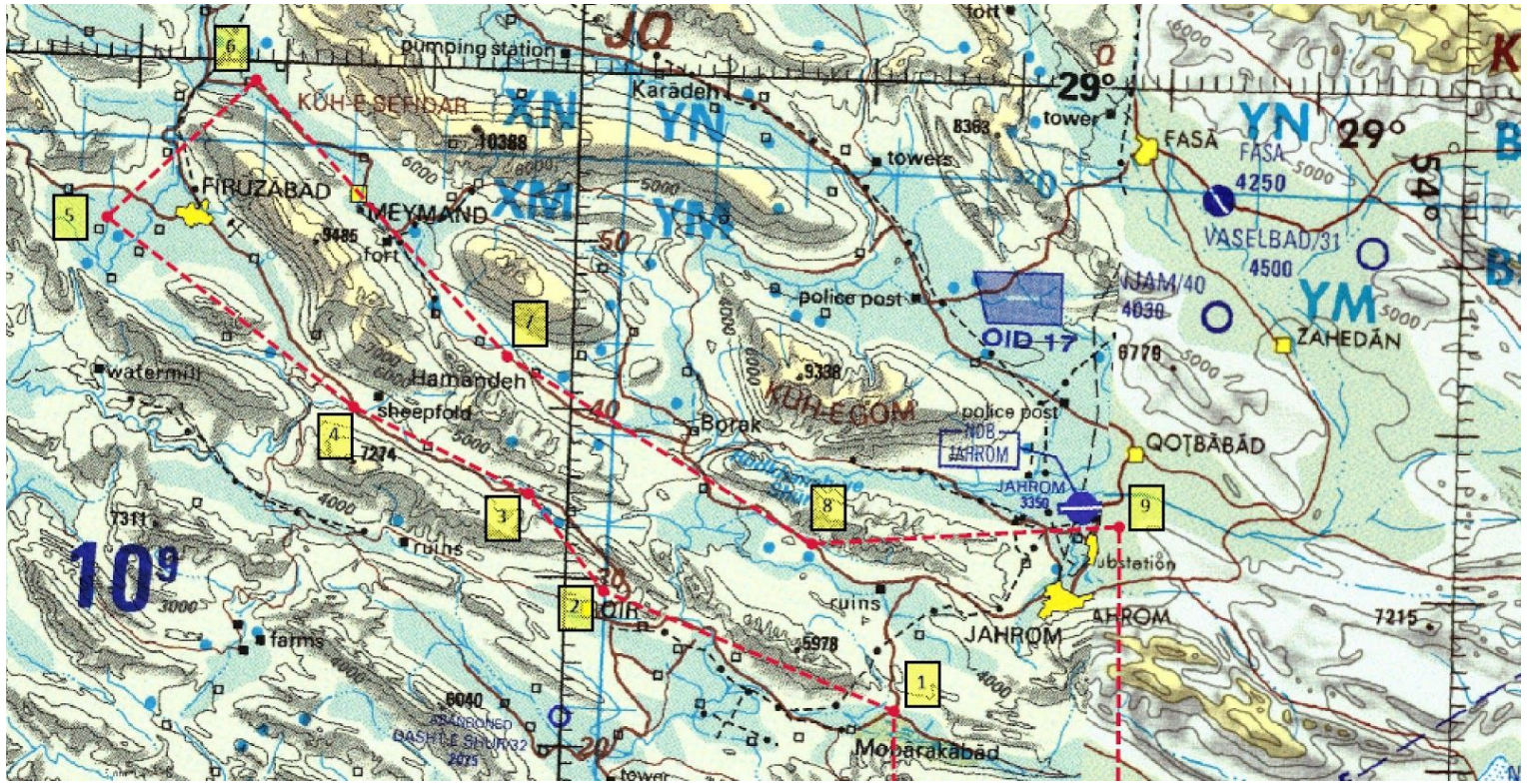
Weather

Wind = 304 5kn @ GL, 304 10Kn @ 6600, 100 30Kn @26000.

Temp 21C.

Clouds 9/10 coverage, 9000 ft base, 3000 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-9 "Gaskin"

*Infra-Red Guided SAM
Detection Range - Visual
Engagement Range ~ 2.5 nm
Ceiling ~ 12,000 ft
Missile Mach ~ 1.8
Warhead - RF Proximity, 6Lb
Salvo Size - 4*

SA-11 "Gadfly"

*Radar Guided SAM
Acquisition Range ~ 50 nm
Engagement Range ~ 20 nm
Ceiling ~ 72,000 ft
Missile Mach ~ 4
Warhead - RF Proximity 150lb
Salvo Size - 4*

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*

| 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 | | |

| 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 |

9 Lines

1. Initial point (IP)
2. Heading from the IP to the target.
3. Distance from the IP to the target in nautical miles.
4. Target elevation in feet above mean sea level.
5. Target description.
6. Target location coordinates.
7. Type of mark.
8. Location of friendlies from the target, direction, and distance in meters.
9. Egress direction.

Terminology

Cleared hot - air support is cleared to engage the target.

Winter - this is the predetermined abort code in theatre. If the JTAC issues code winter or calls abort then the attacking aircraft must safety weapons systems and maneuver off target.

Contact - refers to spotting visual references used to talk onto a target.

Tally - Visual confirmation by the pilot of the target.

Visual- Visual confirmation of friendly forces.

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.