

| MISSION DATA CARD |               |          |  |            |     |             |       |
|-------------------|---------------|----------|--|------------|-----|-------------|-------|
| OPORD             |               | Callsign |  | Mission    |     | Date/Time   |       |
| 961/2022          |               | Boar 3   |  | BAI        |     | 022000JUN22 |       |
| Task              | BAI/ SILKWORM |          |  |            |     | Freq        |       |
| AO                | ATO1015       |          |  |            |     | 132.35      |       |
| Departure         |               |          |  | Recovery   |     |             |       |
| VFR Visual        |               |          |  | VFR Visual |     |             |       |
| #                 | Callsign      | Pilot    |  | IFF        | TCN | LSR         | NET   |
| -1                | Boar 3-1      | Marsy    |  | 4241       | 21Y | 1581        | 22/01 |
| -2                | Boar 3-2      | Lenzi    |  | 4242       | 84Y | 1582        | 22/02 |

| LOADOUT |                  |  |             |
|---------|------------------|--|-------------|
| A/A     | A9M              |  | GUN 100% CM |
| A/G     | 3x7M282L, 4xA65D |  | CHF 0       |
| POD     | TGP, A184        |  | FLR 480     |
| TKS     |                  |  | FUEL 80%    |

| TOLD |         |        |       |       |      |
|------|---------|--------|-------|-------|------|
|      | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 8869    |        |       |       |      |

| AIRBASES |              |     |       |        |        |     |      |       |
|----------|--------------|-----|-------|--------|--------|-----|------|-------|
|          | Name         | TCN | ATIS  | GND    | TWR    | RWY | Elev | ILS   |
| Dep      | Al Minhad AB | 99X | 131.7 | 121.92 | 118.55 | 09  | 180  | 109.9 |
| Arr      | Al Minhad AB | 99X | 131.7 | 121.92 | 118.55 | 09  | 180  | 109.9 |
| Div      | Al Dhafra AB | 96X | 119.4 | 119.6  | 118.3  | 31R | 52   |       |

| FLIGHTPLAN |             |                        |       |     |
|------------|-------------|------------------------|-------|-----|
| #          | Name        | Navaid/Coords/DME      | ALT   | TOT |
| 1          | CES         | N25 13 E057 01         | 11000 |     |
| 2          | CEN         | N25 25 E057 15         | 11000 |     |
| 3          | SHIP        | N25 47.700 E056 47.800 |       |     |
| 4          | GOtoATO     | N25 47.700 E056 47.800 |       |     |
| 5          | HOLDSouth   | N25 49.400 E057 04.400 | 11000 |     |
| 6          | PriTGT      | N25 01.092 E057 12.213 |       |     |
| 7          | CENKorridor | N25 25 E057 15         | 11000 |     |
| 8          | CESKorridor | N25 13 E057 01         | 11000 |     |

| COMMS |                       |
|-------|-----------------------|
| Radio | Usage                 |
| 1     | 132.35                |
| 2     | 250.0 - 377.8 - 250.0 |
| 3     | 31.50                 |

## NOTES

Pass trough Charly-Echo Korridor ALT Block 10000-15000

| OTHER FLIGHTS |         |                         |        |                      |       |       |
|---------------|---------|-------------------------|--------|----------------------|-------|-------|
| Callsign      | Mission | Airframe                | Freq   | TCN                  | GrpId | Laser |
| Springfield 5 | SEAD    | 4x F/A-18C              | 261.55 | 21/84                | 5     | 156X  |
|               | AO      | ATO1002                 | Task   | ESCORT/SEAD          |       |       |
| Ford* 2       | Sweep   | 4x F-14B                | 261.25 | 21/84                |       | 156X  |
|               | AO      | ATO1022   CAP G   30B35 | Task   |                      |       |       |
| Springfield 6 | Escort  | 3x F/A-18C              | 261.55 | 21/84                | 5     | 157X  |
|               | AO      | ATO1001                 | Task   | ESCORT/ ALT 280BL300 |       |       |
| Enfield 1     | CAS     | 2x A-10C                | 132.15 | 21/84                | 21    | 156X  |
|               | AO      | ATO1013                 | Task   | CAS/SWARM BOATS      |       |       |
| Chevy 2       | BAI     | 2x A-10C                | 132.25 | 21/84                | 21    | 157X  |
|               | AO      | ATO1014                 | Task   | BAI/ SILKWORM        |       |       |

| RADIO CHANNELS |      |                          |
|----------------|------|--------------------------|
| #              | Freq | Name                     |
| 1              |      | Flight/Squadron specific |

| RAMROD     |      |     |     |    |    |     |    |    |    |    |
|------------|------|-----|-----|----|----|-----|----|----|----|----|
| 0          | 1    | 2   | 3   | 4  | 5  | 6   | 7  | 8  | 9  |    |
| O          | V    | E   | R   | N  | I  | G   | H  | T  | S  |    |
| KTC 1400 C |      |     |     |    |    |     |    |    |    |    |
|            | 0    | 1   | 2   | 3  | 4  | 5   | 6  | 7  | 8  | 9  |
| A          | XRLV | UOG | QBP | CN | DK | FIE | HM | SA | YJ | WT |
| B          | NRMW | ODB | HTG | XF | SI | JUK | YA | VL | PQ | CE |
| C          | QHTS | ULG | MIW | BF | EV | RJD | CN | XY | PK | AO |
| D          | KFYR | WDT | NOS | HA | PJ | XEL | BC | VI | GU | QM |
| E          | VUYI | XJW | GOT | LR | FQ | ACK | PB | MD | HE | SN |
| F          | FVPQ | GHI | KBD | YA | CX | WTN | OL | MR | EU | JS |
| G          | QKMR | NHW | CSU | TD | JE | VBA | XP | GF | IL | OY |
| H          | XONW | GKQ | VSL | CA | YF | HUP | TR | DM | EB | IJ |
| I          | GXNH | RDI | UFT | MP | KE | BSC | WY | OA | LJ | VQ |
| J          | WDLK | NVU | EHG | SO | TY | BMP | AI | JX | QR | FC |
| K          | OHKN | JTE | GQP | MX | FB | CVD | SW | YA | UR | LI |
| L          | DREV | WFU | BNQ | LT | CI | HPJ | OY | SX | KA | MG |
| M          | QUTC | RKF | OAW | HL | DJ | EGB | MY | IS | NX | PV |
| N          | BWPA | GTR | MNH | SL | UQ | KDJ | XF | OI | CE | YV |
| O          | IHWG | RBD | TOF | YK | XE | VJS | AM | QU | PN | LC |
| P          | XVNM | RCJ | UHA | TI | FK | SBY | EG | PO | QL | DW |
| Q          | KMJQ | NTO | AEU | WR | XL | DCY | VF | BS | PH | IG |
| R          | VENY | DJG | FAB | IW | XO | QMR | TH | SU | PK | CL |
| S          | AQNC | KEH | FGL | TM | US | JPY | OV | BX | RD | IW |
| T          | EGKN | LAV | RCI | BU | TJ | HPM | QY | OD | WX | SF |
| U          | CSVO | WKP | RFU | EB | DQ | IHA | NY | XL | GJ | MT |
| V          | HYKO | WEU | LXN | DC | IR | FAJ | VB | TG | PS | MQ |
| W          | EBKP | UYT | QRM | LA | NF | HDC | SO | VG | IX | WJ |
| X          | YUAP | GJK | HNC | VS | BD | FWQ | MT | XE | LO | RI |
| Y          | AJWR | KXO | BUQ | YN | FG | CDV | HT | PE | LI | MS |

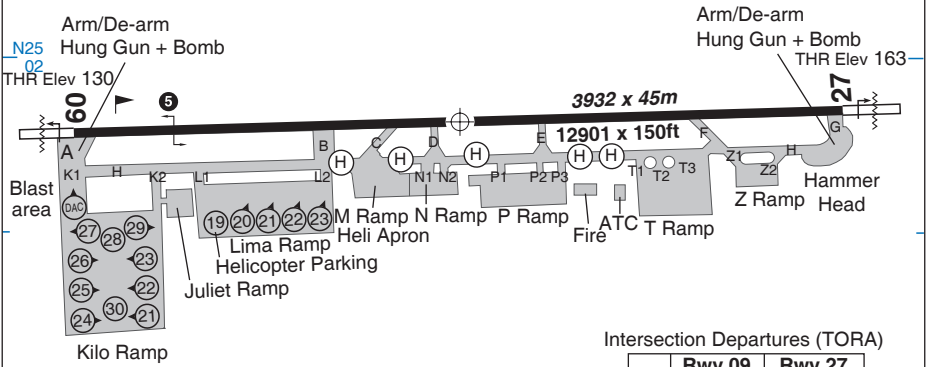
| NAVAIDS |                            |         |                      |           |
|---------|----------------------------|---------|----------------------|-----------|
| Id      | Name                       | Channel | Position             | Elevation |
| KER     | Kerman                     | 97      | N3015.930 E05657.651 | 5745      |
| SYZ     | Shyraz                     | 94      | N2932.516 E05235.082 | XXX       |
| BND     | Banda Abbas                | 78      | N2713.017 E05622.861 | 16        |
| HDR     | Havadarya                  | 47      | N2706.634 E05610.375 | 49        |
| KIH     | Kish International Airport | 112     | N2631.384 E05400.663 | XXX       |
| KCK     | Tunb Kochak                | 89      | N2614.543 E05508.752 | 13        |
| KSB     | Khasab                     | 84      | N2610.670 E05614.458 | 52        |
| JSK     | Jask                       | 78      | N2538.807 E05745.41  | 20        |
| ALD     | ALD                        | 99      | N2505.571 E05119.554 | 108       |
| MIN     | Al Minhad AB               | 99      | N2501.633 E05523.733 | 187       |
| MA      | Al Dhafra AB               | 96      | N2414.808 E05432.723 | 52        |

AERODROME

DUBAI/Minhad

|                               |         |                       |                               |                              |    |
|-------------------------------|---------|-----------------------|-------------------------------|------------------------------|----|
| Elev 172                      | Var 1°E | ARP                   | N25 01·61 E055 21·98 (WGS 84) | 15 AUG 19                    | D1 |
| MINHAD GROUND<br>290·5 121·92 |         | TOWER<br>248·1 118·55 |                               | APP/RADAR<br>230·4 122·5     |    |
| E055 21                       |         | E055 22               |                               | MONKEY (UK Air Ops)<br>243·4 |    |
| N25 03                        |         |                       |                               | ATIS (Dubai Int.)<br>131·7   |    |
|                               |         |                       |                               | E055 23                      |    |

THRESHOLD COORDINATES  
Rwy 09 – N25 01·59 E055 20·80  
Rwy 27 – N25 01·63 E055 23·15



Intersection Departures (TORA)

| Twy | Rwy 09 (ft) | Rwy 27 (ft) |
|-----|-------------|-------------|
| B   | 9842        | 3280        |
| C   | 7874        | 5249        |
| D   | 6889        | 6233        |
| E   | 4921        | 8202        |
| F   | 2296        | 10826       |

1. **CAUTION.** Minhad aeronautical data and procedures are not sourced from State AIP.
2. **CAUTION.** Obsolete Rwy 27 displaced THR markings remain following completion of Rwy works.
3. **CAUTION.** Non-standard rwy markings, Assault Landing Zone (ALZ), Rwy 09/27 within the first 3500ft. The ALZ THR is 300ft from Rwy THR and 90ft wide.
4. Rwy 09/27. Prior to TKOF taxi forward 500ft to avoid damage to barrier net.
5. BAK14 cable is set 420m (1337ft) from Rwy 09 THR.
6. Inbd IFR acft are advised to establish contact with Minhad Twr prior to descending below 3000 to obtain traffic info for deconfliction purposes.
7. Migratory bird hazard exists, particularly during late summer and Autumn seasons.
8. Helis transiting VFR to/from Minhad through the Jumeirah Mandatory Broadcast Zones (MBZ) should broadcast deconfliction information on 134·65. For further information consult Dubai International AIP VFR Chart - ICAO VFR Routes Dubai CTR (AIP Charts OMDB AD-2·91 and ENR 2·2).

| RWY                    | SLOPE            | LDA m/ft   | APP LGT |       | RWY LGT             |
|------------------------|------------------|------------|---------|-------|---------------------|
| 09(089°T)<br>27(269°T) | 0·25%U<br>0·25%D | 3932/12901 | P3°     | CAT 1 | HIRL:RTHL:REDL:RENL |



## DUBAI/Minhad

OMDM/NHD- UAE

| INITIAL CLIMB ALTITUDE                                                                                                                                   | ROUTING |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| On passing 1000 contact Minhad App for further climb. At D2-0 MIN and not below 2000 turn right to MIN VOR. Continue as directed by Minhad App.          |         |
| On passing 1000 contact Minhad App for further climb. At D4-0 MIN and not below 2000 turn left to MIN VOR. Continue as directed by Minhad App.           |         |
| On passing 1000 contact Minhad App for further climb. At D2-0 MIN and not below 2000 turn right to POINT 1. Continue as directed by Minhad App.          |         |
| On passing 1000 contact Minhad App for further climb. At D4-0 MIN and not below 2000 turn toward RAMAQ then POINT 2. Continue as directed by Minhad App. |         |

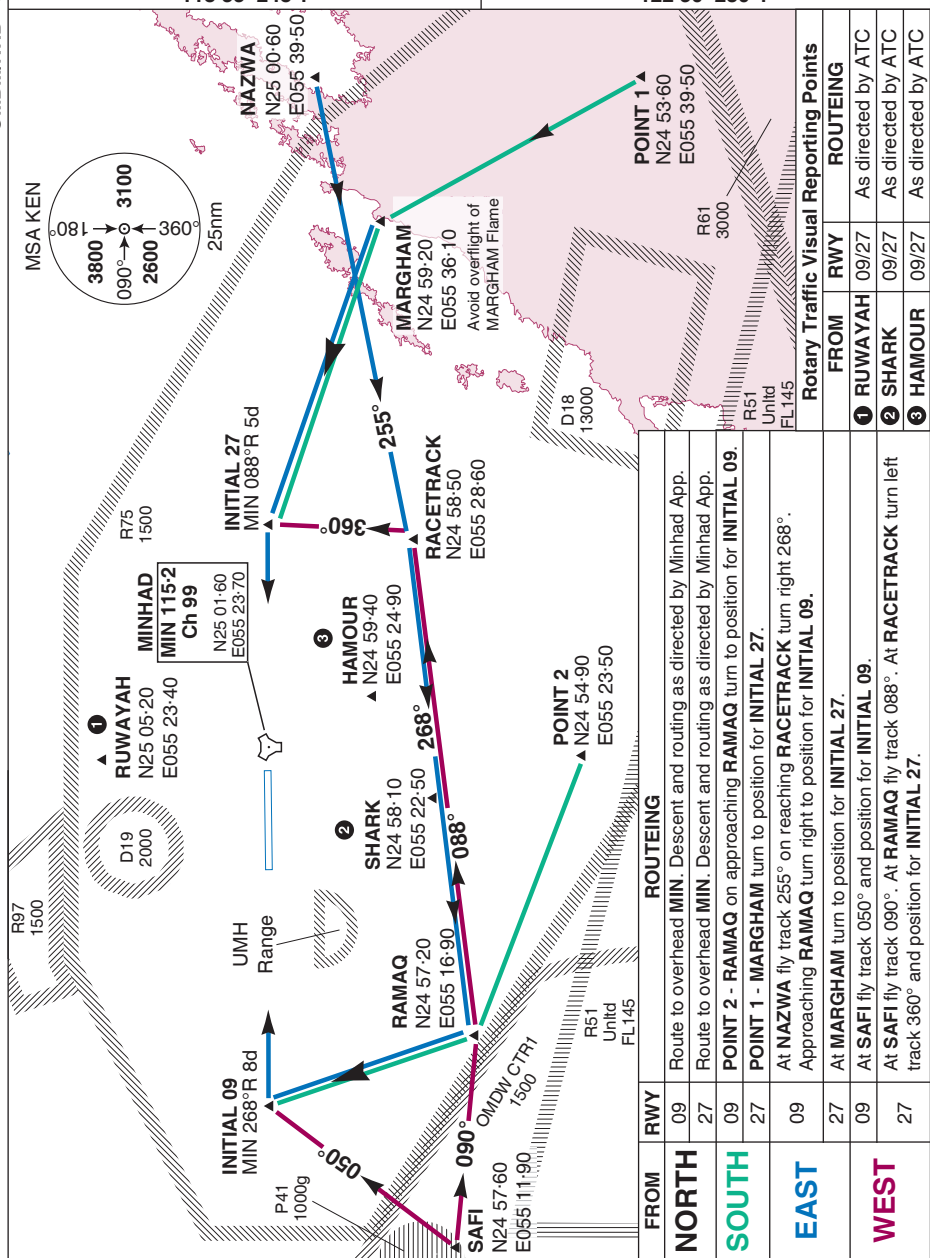
DUBAI/Minhad  
MIPS

## VFR VISUAL (DEPARTURES)

## DUBAI/Minhad

V2

APPROACH  
122-50 230-4



### VFR VISUAL (ARRIVALS)

AL DHAFRA, UNITED ARAB EMIRATES

TACAN RWY 13L

|                                             |                         |                                                      |
|---------------------------------------------|-------------------------|------------------------------------------------------|
| VORTAC MA<br><b>114.9</b><br>Chan <b>96</b> | APCH CRS<br><b>131°</b> | Rwy ldg <b>12,012</b><br>THRE<br>Arpt Elev <b>52</b> |
|---------------------------------------------|-------------------------|------------------------------------------------------|

476 vFG

AL DHAFRA (OMAM)

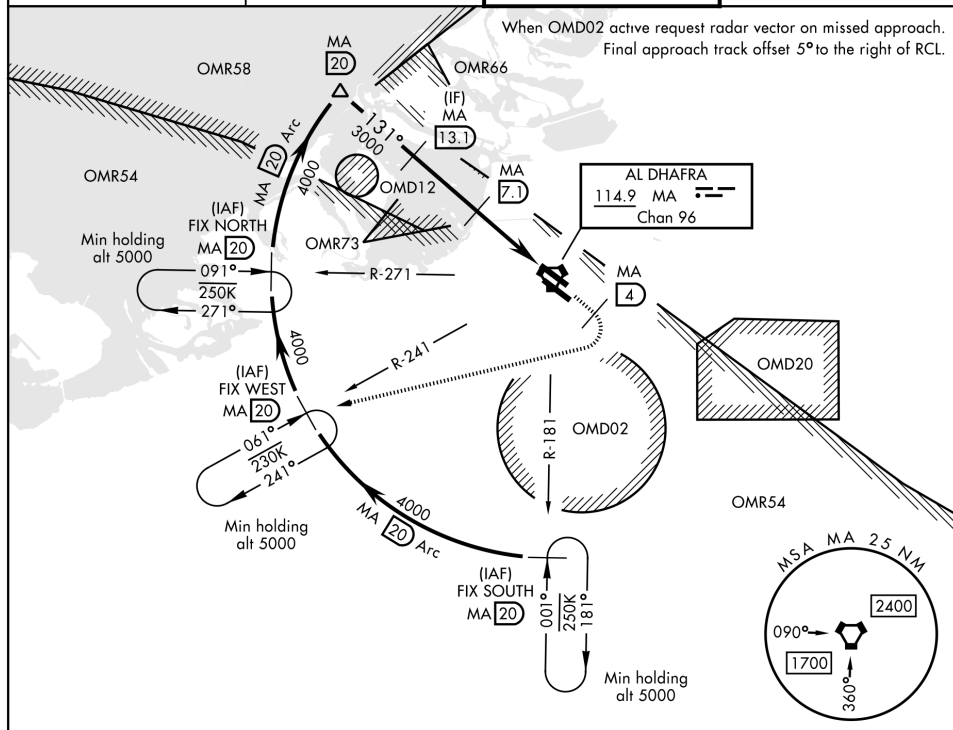
\* When ALS inop, raise CAT AB vis to 3400m and CAT CDE vis to 3600m.  
 \*\* Circling not authorized Northeast of airport.

ALSF-1



MISSED APPROACH: Climb 5000 (4930) on track 131°, passing MA VORTAC 4 DME turn right direct to FIX WEST and hold. No turn before MAP.

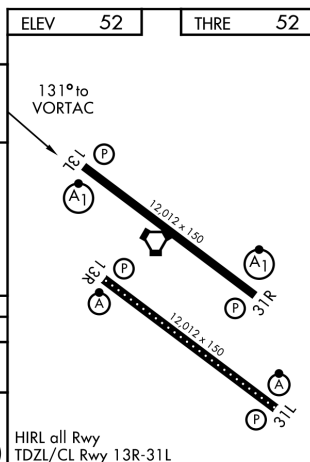
|                        |                                         |                                    |                                |
|------------------------|-----------------------------------------|------------------------------------|--------------------------------|
| ATIS ★<br><b>258.2</b> | ABU DHABI APP CON<br><b>124.4 270.0</b> | TOWER ★<br><b>126.6 251.1 39.5</b> | GND CON<br><b>122.15 240.9</b> |
|------------------------|-----------------------------------------|------------------------------------|--------------------------------|



## RADAR and DME REQUIRED

The diagram illustrates the 131° approach track for S-13\*. It shows a track starting from a 3000 (2920) MSL altitude, descending at 131° to a 2000 (1920) MSL altitude. A 2.89° track error (TCH 50) is indicated. The track is 6.1 NM long. A VORTAC station is located at the end of the track. The track is labeled with 13.1 and 7.1. A missed approach (MA) procedure is shown with a climb to 5000 MSL and a turn to 131°.

| CATEGORY   | A                               | B | C                               | D                               | E                               |
|------------|---------------------------------|---|---------------------------------|---------------------------------|---------------------------------|
| S-13*      | 630-2700m<br>553 (600-2700m)    |   | 630-2900m                       | 553                             | (600-2900m)                     |
| CIRCLING** | 630-2700m<br>553<br>(600-2700m) |   | 760-3700m<br>683<br>(700-3700m) | 780-3800m<br>703<br>(800-3800m) | 870-4400m<br>793<br>(800-4400m) |



AL DHAFRA, UNITED ARAB EMIRATES

24°14'N-54°33'E

AL DHAFRA (OMAM)

TACAN RWY 13L

