| MISSION DATA CARD | | | |
|---|---|---|---|
| OPORD | Callsign | Mission | Date/Time |
| 335/2021 | Colt 5 | SEAD | 042000NOV21 |

| Task | Package A: ATO401 SEAD | Freq |
|---|---|---|
| AO | Khasab 240BL250 | 134.0 |

| Departure | Recovery |
|---|---|
| VFR Visual | VFR Visual |

| # | Callsign | Pilot | IFF | TCN | LSR | NET |
|---|---|---|---|---|---|---|
| -1 | Colt 5-1 | Nerkub | 2451 | 21Y | 1561 | |
| -2 | Colt 5-2 | Cyking | 2452 | 84Y | 1562 | |

| LOADOUT | | | |
|---|---|---|---|
| A/A | 2xA120C, 2xA9X | GUN | 100% HEI-T |
| A/G | 2xA88C | CHF | 120 |
| POD | TGP | FLR | 0 |
| TKS | 3xFT300 | FUEL | 100% |

| TOLD | | | | | |
|---|---|---|---|---|---|
| | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 13172 | | | | |

| 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 | MARGHAM | N24 59 12.053 E055 36 06.028 | 3000 | |
| 2 | CHARLY-MIKE-SIERRA | N25 37 60 E055 57 | 24000 | |
| 3 | CHARLY-MIKE-NOVEMBER | N25 46 60 E056 09 | 24000 | |
| 4 | IP | N25 53 51.631 E056 19 04.916 | 24000 | |
| 5 | Target | N26 09 59.095 E056 14 11.799 | 0 | |
| 6 | CHARLY-MIKE-NOVEMBER | N25 46 60 E056 09 | 24000 | |
| 7 | CHARLY-MIKE-SIERRA | N25 37 60 E055 57 | 24000 | |
| 8 | MARGHAM | N24 59 12.053 E055 36 06.028 | 3000 | |
| 9 | Al Minhad AB | N25 01 36 E055 23 01 | 1500 | |

| COMMS | |
|---|---|
| Radio | Usage |
| 1 | 18 (250,10), 8 (377,80), 10(319,80), 18(250,10) |
| 2 | 134.0 |

## NOTES

18 (250,10), 8 (377,80), 10(319,80), 18(250,10)

Ground: SA-6, SA-3, SA-19, AAA
Air: F-5, F-4, F-14, MiG-29, Su-27

| OTHER FLIGHTS | | | | | | | |
|---|---|---|---|---|---|---|---|
| Callsign | Mission | Airframe | Freq | TCN | GrpId | Laser | |
| Springfield 5 | CAP | 2x F/A-18C | 261.15 | 21/84 | | 156X | |
| AO | | Task | CAP 32B33- ATO 402 | | | | |
| Springfield 6 | CAP | 2x F/A-18C | 261.65 | 21/84 | | 156X | |
| AO | ATO 404 28B29 | Task | CAP | | | | |
| Pontiac 7 | BAI | 2x F/A-18C | 261.35 | 27/90 | 7 | 157X | |
| AO | ATO 407 | Task | Anti-Ship | | | | |
| Uzi 3 | BAI | 2x AV-8B N/A | 261.25 | 21/84 | | 156X | |
| AO | ATO 408 | Task | BAI | | | | |
| Enfield 1 | BAI | 2x A-10C | 131.4 | 21/84 | 10 | 156X | |
| AO | Limah | Task | ATO405 | | | | |
| Chevy 2 | BAI | 2x A-10C | 131.2 | 21/84 | 14 | 156X | |
| AO | Limah 110BL160 | Task | ATO406 | | | | |
| Boar 3 | BAI | 2x A-10C | 131.3 | 1/64 | 20 | 111X | |
| AO | Dibba | Task | ATO412 (BAI+CAS) | | | | |
| Warrior 5 | CAS | 1x Ground | 33.0 | 21/84 | 20 | 156X | |
| AO | Dibba | Task | ATO413 | | | | |
| Ford 2 | CAP | 4x F-14B | 261.25 | 21/84 | 1 | 156X | |
| AO | SIERRA / KHASAB | Task | Package B - ATO411/ALT260BL270 - CAP A | | | | |
| Dodge 3 | Escort | 2x F/A-18C | 261.35 | 21/84 | | 171X | |
| AO | | Task | Escort | | | | |

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

| RAMROD | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| R | E | S | U | M | P | T | I | O | N |

| KTC 1400 C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| A | VHPX | WDF | REL | NA | BY | UJM | TI | CS | KO | QG |
| B | PHTN | CMW | RIK | LA | GV | ESY | FB | JX | DO | QU |
| C | RWTG | CBV | JHX | EF | LS | UDP | AO | KN | QY | IM |
| D | XRFU | VQH | KMW | AG | JL | OPC | NI | ST | BY | ED |
| E | XQEV | LNJ | DCO | UK | FT | ABH | IP | RM | YS | WG |
| F | XOYD | KMU | NHB | AC | PG | RQJ | WT | EL | FV | SI |
| G | NFMV | UJQ | LKS | TH | OX | YIE | WD | BG | PA | CR |
| H | HSVR | UFY | OJL | TI | GE | BDA | KW | XM | PC | QN |
| I | VJGL | PCI | EKD | TY | XS | UBW | HA | FO | RN | QM |
| J | UAVC | MHT | FSY | BN | QK | GEI | DJ | OP | WR | LX |
| K | OLXP | CHK | AWV | IM | NF | BEQ | UJ | SY | TD | GR |
| L | YJED | BGM | QNI | WL | HS | RUV | CP | KT | XF | OA |
| M | BPKE | YVL | WRI | XJ | CU | SQN | GF | TH | AO | MD |
| N | MOSF | GDR | HJV | QB | CX | AUE | YN | WT | LP | IK |
| O | VRTY | KBU | XAH | CM | QD | ENS | WG | LO | FJ | IP |
| P | UWNC | GTM | EVF | YO | PA | DSQ | HI | BK | XR | JL |
| Q | SEMW | XCI | BHK | NA | GT | VLF | JY | PQ | RU | DO |
| R | UQES | AFX | PBN | ML | ID | CJR | GV | OW | YK | HT |
| S | HAKE | GXF | YND | MW | BR | PCO | IU | QS | TL | JV |
| T | CXVJ | ODK | AWH | SQ | NP | BRF | YE | TL | MG | IU |
| U | IJWX | BTL | MNV | QK | GD | REU | FP | CY | HS | OA |
| V | XGAO | FQJ | DVB | YU | HT | WME | CI | PL | NK | RS |
| W | QBEI | NUR | JGF | LY | MV | CPO | KS | HX | WD | AT |
| X | NBAE | SKO | YXV | UF | WI | TLC | DJ | QG | MP | HR |
| Y | KBCH | ESL | DTU | RN | VJ | GIO | QX | WF | YP | MA |

| 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 |

OMDM/NHD– UAE

| Elev **172** | Var 1°E | ARP | N25 01·61 E055 21·98 (WGS 84) | **15 AUG 19** | **D1** |
|---|---|---|---|---|---|

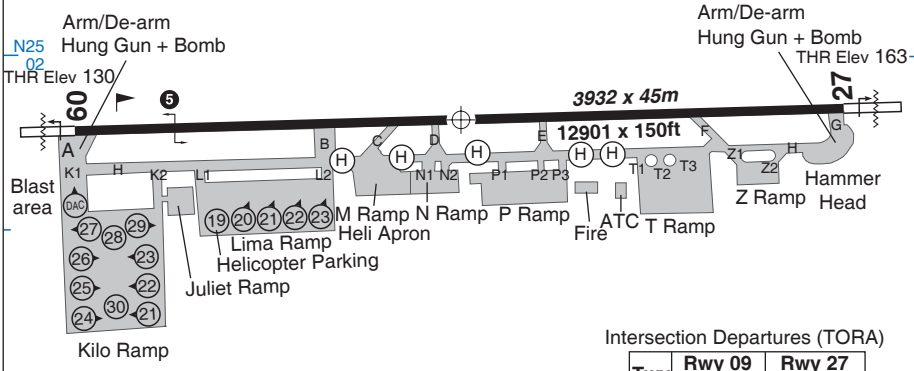
| MINHAD GROUND | TOWER | APP/RADAR |
|---|---|---|
| **290·5 121·92** | **248·1 118·55** | **230·4 122·5** |
| | | MONKEY (UK Air Ops) **243·4** |
| | | ATIS (Dubai Int.) **131·7** |

E055 21 E055 22 E055 23

N25 03

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

M 0 500 1000
FT 0 1000 2000 3000 4000




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.

❺ BAK14 cable is set *420m* (1337ft) from Rwy 09 THR.

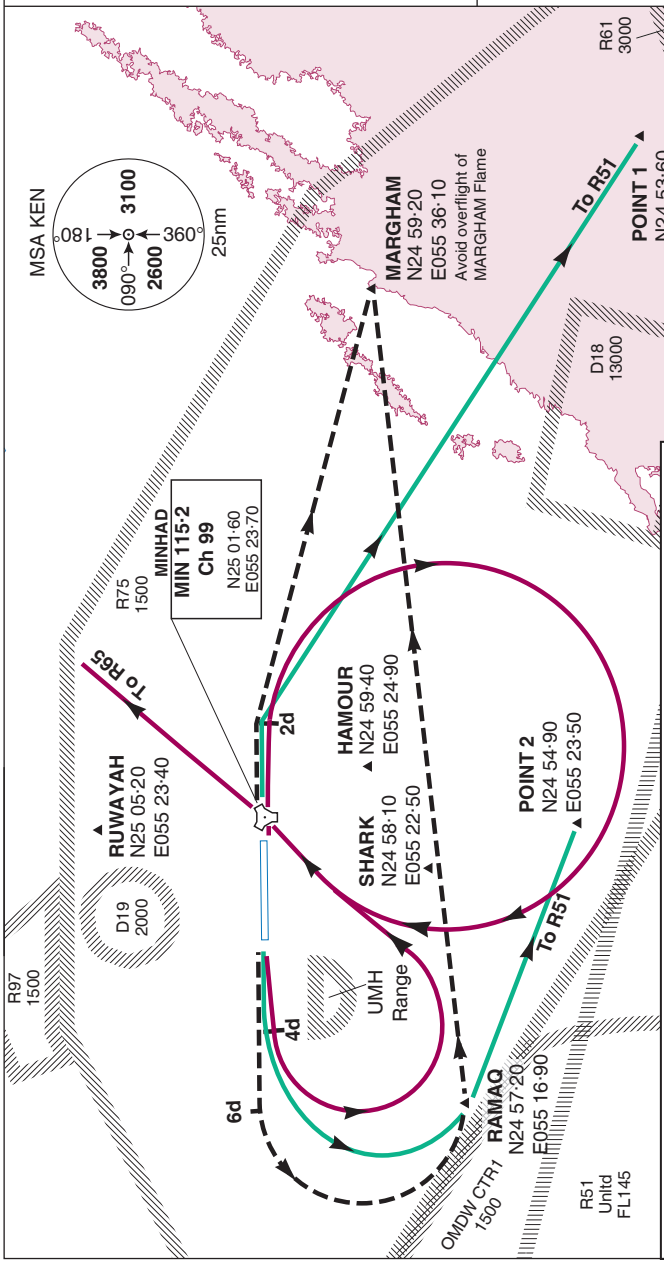
6. Inbd IFR acft are advised to establish contact with Minhad Twr prior to descending below **3000** to obtain traffic info for deconfliction purposes.
7. Migratory bird hazard exists, particularly during late summer and Autumn seasons.
8. Helis transiting VFR to/from Minhad through the Jumeirah Mandatory 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 |

OMDM/NHD– UAE

| Elev 172 | Var 1°E | TA 13000 | TRL FL150 | 01 FEB 18 | V1 |
|---|---|---|---|---|---|

| TOWER | APPROACH |
|---|---|
| 118·55 248·1 | 122·50 230·4 |




**High Level Departures to OM(R)-65 and OM(R)-51**

**INITIAL CLIMB ALTITUDE** - Depart on runway track climbing to **2500**.

| DEP | RWY | ROUTEING |
|---|---|---|
| OM (R)-65 | 09 088°m | 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. |
| | 27 268°m | 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. |
| OM (R)-51 | 09 088°m | 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. |
| | 27 268°m | 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. |

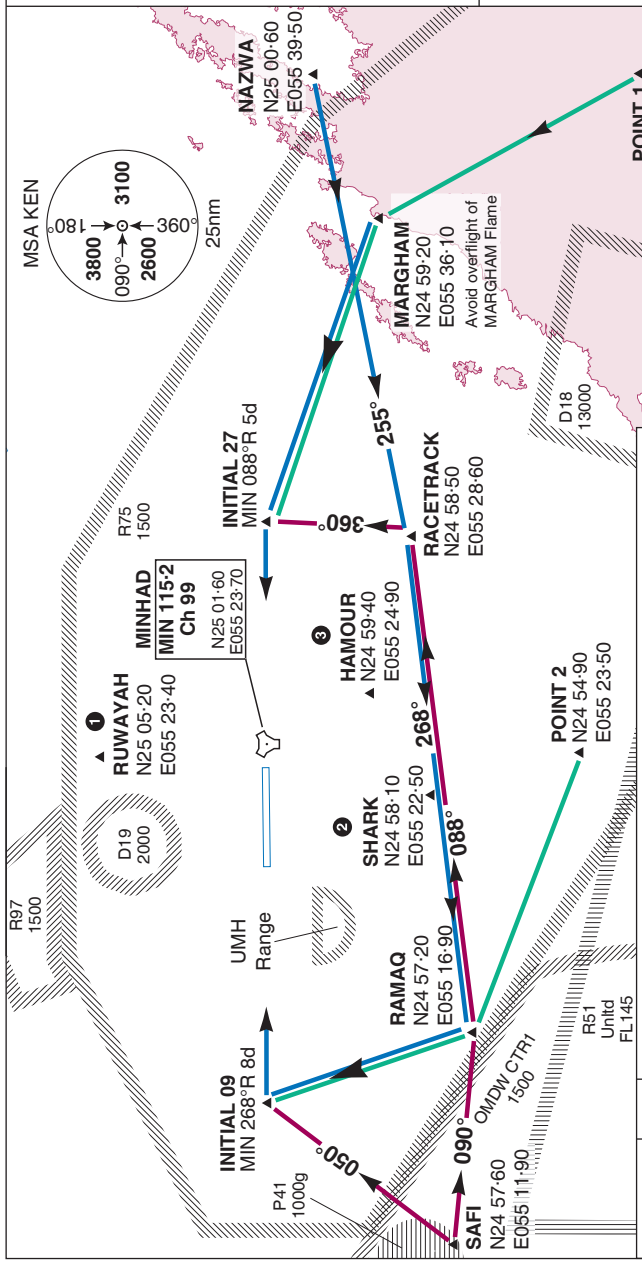
**VFR Low Level Departures via MARGHAM ----**

| | | |
|---|---|---|
| | 09 088°m | Climb on Rwy track to **1500**. On passing **1000** contact Minhad App and route dct to **MARGHAM**. Continue as dctd by Minhad App. |
| | 27 268°m | Climb on Rwy track to **1500**. On passing **1000** contact Minhad App. At **D6·0** MIN turn left toward **RAMAQ**. At **RAMAQ** turn left toward **MARGHAM**. Continue as dctd by Minhad App. |

OMDM/NHD– UAE

| Elev 172 | Var 1°E | TA 13000 | TRL FL150 | 08 DEC 16 | V2 |
|---|---|---|---|---|---|

| TOWER | APPROACH |
|---|---|
| 118·55 248·1 | 122·50 230·4 |




**Rotary Traffic Visual Reporting Points**

| | FROM | RWY | ROUTEING |
|---|---|---|---|
| 1 | RUWAYAH | 09/27 | As directed by ATC |
| 2 | SHARK | 09/27 | As directed by ATC |
| 3 | HAMOUR | 09/27 | As directed by ATC |

| FROM | RWY | ROUTEING |
|---|---|---|
| NORTH | 09 | Route to overhead **MIN**. Descent and routing as directed by Minhad App. |
| | 27 | Route to overhead **MIN**. Descent and routing as directed by Minhad App. |
| SOUTH | 09 | **POINT 2 - RAMAQ** on approaching **RAMAQ** turn to position for **INITIAL 09**. |
| | 27 | **POINT 1 - MARGHAM** turn to position for **INITIAL 27**. |
| EAST | 09 | At **NAZWA** fly track 255° on reaching **RACETRACK** turn right 268°. Approaching **RAMAQ** turn right to position for **INITIAL 09**. |
| | 27 | At **MARGHAM** turn to position for **INITIAL 27**. |
| WEST | 09 | At **SAFI** fly track 050° and position for **INITIAL 09**. |
| | 27 | At **SAFI** fly track 090°. At **RAMAQ** fly track 088°. At **RACETRACK** turn left track 360° and position for **INITIAL 27**. |

AL DHAFRA, UNITED ARAB EMIRATES

# TACAN RWY 13L

AL DHAFRA (OMAM)

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

476 vFG

* 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★ | ABU DHABI APP CON | TOWER★ | GND CON |
|---|---|---|---|
| 258.2 | 124.4 270.0 | 126.6 251.1 39.5 | 122.15 240.9 |

When OMD02 active request radar vector on missed approach.
Final approach track offset 5° to the right of RCL.

OMR58
OMR66
OMR54
OMD12
OMR73
OMD20
OMD02
OMR54

MA 20
(IF) MA 13.1
131° 3000
MA 7.1
AL DHAFRA
114.9 MA
Chan 96
MA 4

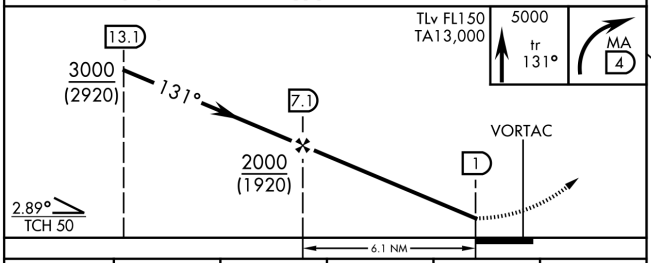
(IAF) FIX NORTH
MA 20
Min holding alt 5000
091° 250K 271°
MA 20 Arc 4000
R-271
R-241
R-181

(IAF) FIX WEST
MA 20
061° 230K 241°
Min holding alt 5000
4000 MA 20 Arc

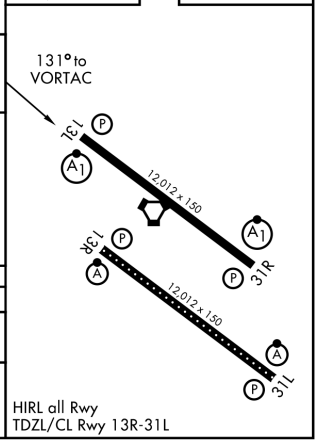
(IAF) FIX SOUTH
MA 20
001° 250K 181°
Min holding alt 5000

MSA MA 25 NM
2400
090°
1700
360°

## RADAR and DME REQUIRED




ELEV 52 | THRE 52



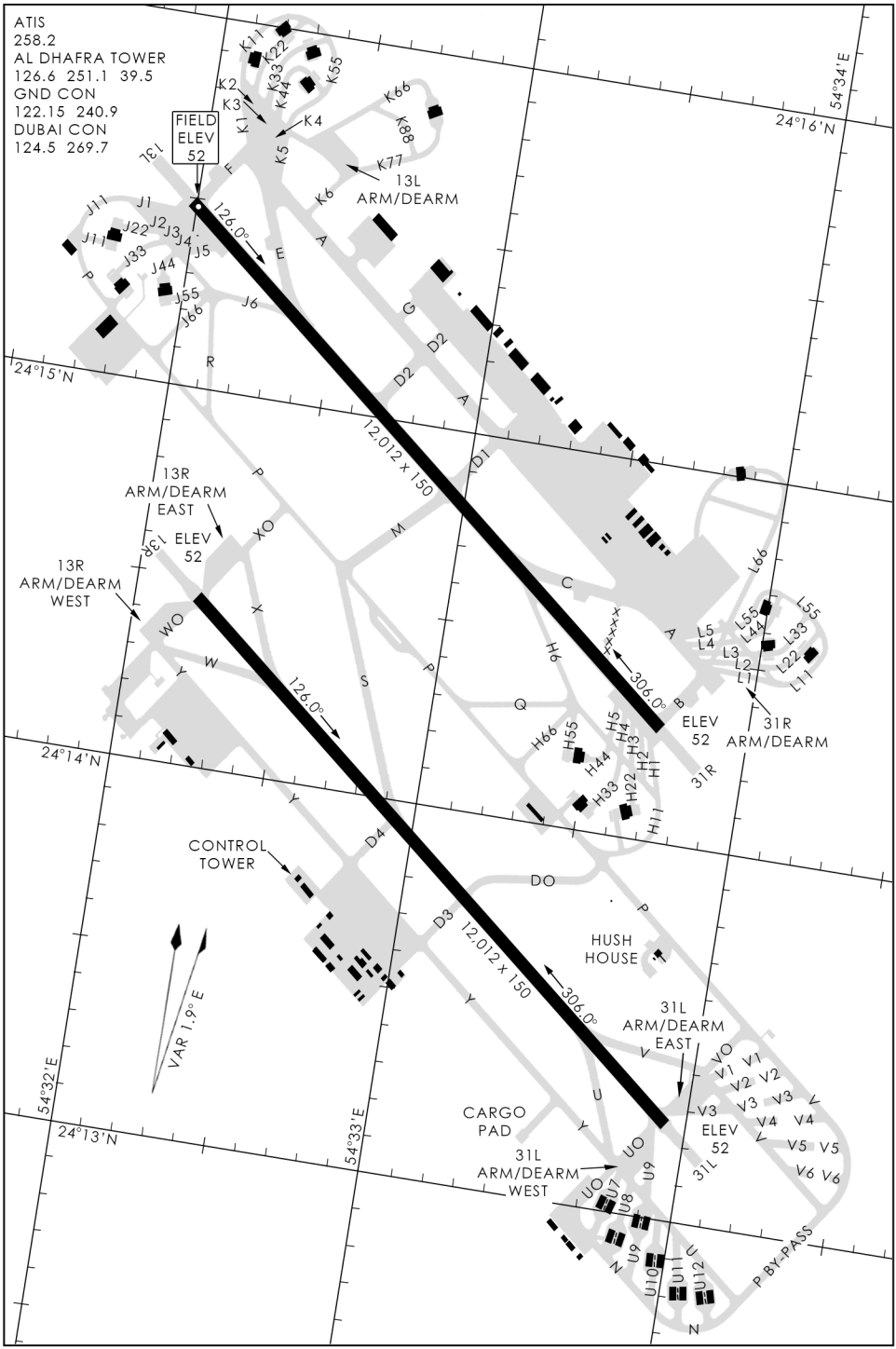

| CATEGORY | A | B | C | D | E |
|---|---|---|---|---|---|
| S-13* | 630-2700m 553 (600-2700m) | | 630-2900m 553 (600-2900m) | | |
| CIRCLING** | 630-2700m 553 (600-2700m) | | 760-3700m 683 (700-3700m) | 780-3800m 703 (800-3800m) | 870-4400m 793 (800-4400m) |

AL DHAFRA, UNITED ARAB EMIRATES 24°14′N-54°33′E AL DHAFRA (OMAM)

TACAN RWY 13L

EEA, 1 DEC 2015 to 30 NOV 2016

EEA, 1 DEC 2015 to 30 NOV 2016


ATIS
258.2
AL DHAFRA TOWER
126.6 251.1 39.5
GND CON
122.15 240.9
DUBAI CON
124.5 269.7
FIELD
ELEV
52
13L
ARM/DEARM
126.0°
12,012 x 150
306.0°
13R
ARM/DEARM
EAST
ELEV
52
13R
ARM/DEARM
WEST
126.0°
12,012 x 150
306.0°
ELEV
52
31R
ARM/DEARM
CONTROL
TOWER
HUSH
HOUSE
31L
ARM/DEARM
EAST
CARGO
PAD
31L
ARM/DEARM
WEST
ELEV
52
VAR 1.9° E
P BY-PASS
24°16'N
24°15'N
24°14'N
24°13'N
54°34'E
54°33'E
54°32'E
476 vFG JAN 2020
476 vFG JAN 2020