

| MISSION DATA CARD |                                      |          |       |          |      |             |      |     |
|-------------------|--------------------------------------|----------|-------|----------|------|-------------|------|-----|
| OPORD             |                                      | Callsign |       | Mission  |      | Date/Time   |      |     |
| 454/2021          |                                      | Tiger 1  |       | SEAD     |      | 092000DEC21 |      |     |
| Task              | ATO605 160B200 Stby SEAD/ PKG A Lead |          |       |          |      | Freq        |      |     |
| AO                | Khasab                               |          |       |          |      | 261.15      |      |     |
| Departure         |                                      |          |       | Recovery |      |             |      |     |
| CAT               |                                      |          |       | CASE I   |      |             |      |     |
| #                 | Callsign                             |          | Pilot |          | IFF  | TCN         | LSR  | NET |
| -1                | Tiger 1-1                            |          | Prinz |          | 1011 | 21Y         | 1561 |     |
| -2                | Tiger 1-2                            |          | Jemi  |          | 1012 | 84Y         | 1562 |     |

| LOADOUT |                      |      |            |
|---------|----------------------|------|------------|
| A/A     | 2xA9X, A7MH, 2xA120C | GUN  | 100% HEI-T |
| A/G     | 2xA88C, 2xG38        | CHF  | 80         |
| POD     | TGP                  | FLR  | 40         |
| TKS     | FPU-8A               | FUEL | 100%       |

| TOLD |         |        |       |       |      |
|------|---------|--------|-------|-------|------|
|      | Takeoff | Target | Joker | Bingo | Land |
| FUEL | 13047   |        |       |       |      |

| AIRBASES |                         |     |       |         |        |     |      |       |
|----------|-------------------------|-----|-------|---------|--------|-----|------|-------|
|          | Name                    | TCN | ATIS  | GND     | TWR    | RWY | Elev | ILS   |
| Dep      | CV-73 USS G. Washington | 73X |       | ICLS 12 | 305.0  |     |      |       |
| Arr      | CV-73 USS G. Washington | 73X |       | ICLS 12 | 305.0  |     |      |       |
| Div      | Al Minhad AB            | 99X | 131.7 | 121.92  | 118.55 | 09  | 180  | 109.9 |

| FLIGHTPLAN |                    |                              |       |     |
|------------|--------------------|------------------------------|-------|-----|
| #          | Name               | Navaid/Coords/DME            | ALT   | TOT |
| 1          | AAR                | N25 17 29.258 E056 00 03.047 | 20000 |     |
| 2          | Al Minhad AB       | N25 01 36.480 E055 21 58.320 | 20000 |     |
| 3          | Ras Al Khaimah/CMS | N25 36 42.998 E055 56 20     | 20000 |     |
| 4          | CMN                | N25 46 60 E056 09            | 20000 |     |
| 5          | FLOT E             | N25 58 43.826 E056 24 27.955 | 20000 |     |
| 6          | FLOT C             | N26 03 33.952 E056 14 51.443 | 20000 |     |
| 7          | FLOT NW/IP         | N26 17 35.381 E056 00 21.567 | 20000 |     |
| 8          | SA6 lastKnwn       | N26 09 26.270 E056 14 01.838 | 111   |     |
| 9          | BE                 | N26 10 E056 14               |       |     |

| COMMS |                                        |
|-------|----------------------------------------|
| Radio | Usage                                  |
| 1     | 305 MTHR/MRSHL, 305.8 (#7)             |
| 2     | 261.15 inH, 123.45 BAMBAM, 360.8 SHLL4 |
| 3     | 21                                     |
| 4     | 42                                     |

NOTES

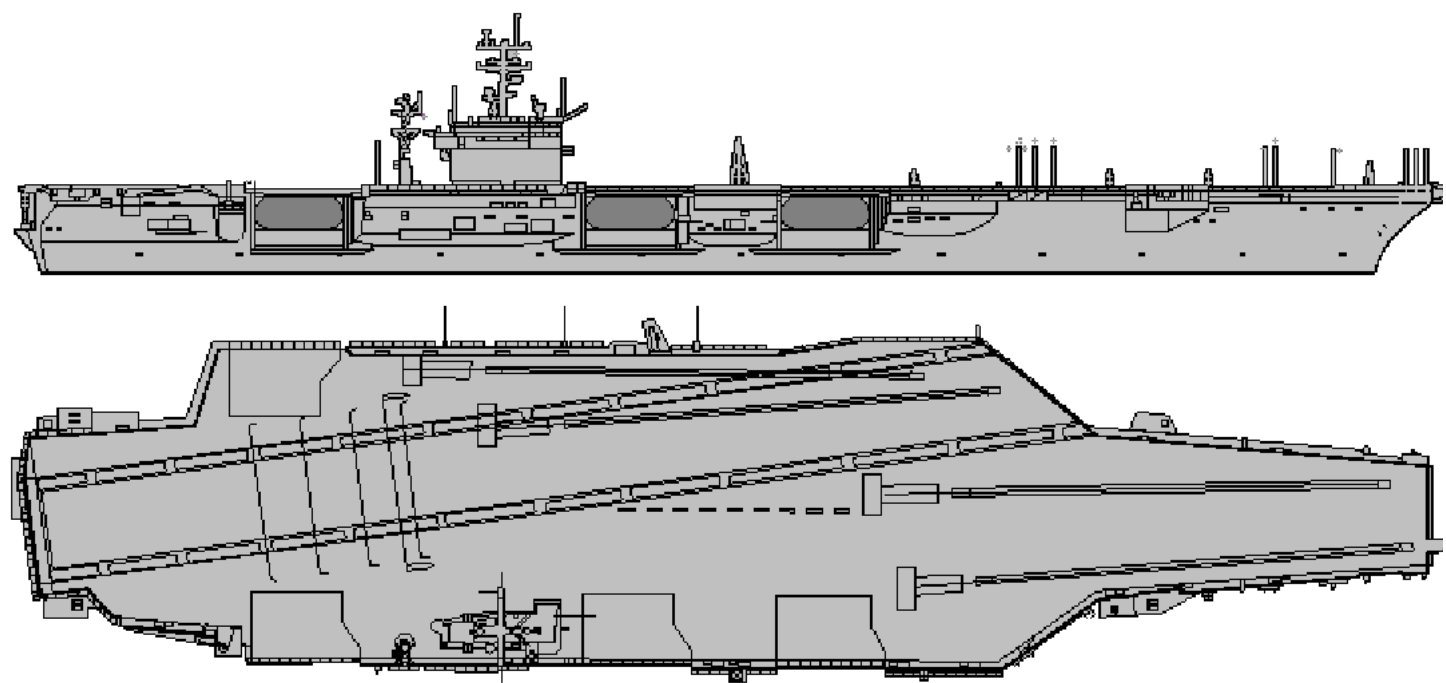
ATO#:~~805~~  
CLSGN:~~5~~SPRINGFIELD5  
SLOT: TIGER1  
PCKGE: A  
A/F:~~2~~VN-73  
DIVERT:AL-MINHAD  
MSN: SEAD  
AO/AOR:~~8~~hasab  
STP-TIME:~~15~~45 (+0)  
T/O: STP+~~16~~00 (+15)  
CAT:~~01~~+02  
TOT: STP+~~16~~20 (+35)  
VUL:~~15~~  
ALTBL:~~16~~0B200  
FRQ1:~~26~~1.15  
FRQ2:~~30~~5.8 (#7)  
FRQ3:~~13~~.d.  
ALR:~~17~~ED  
---  
SHELL4 / 24.000ft / 360.8 AM/ 41 Y  
---  
Target SA-15 109  
Target SA-6 108  
SA-11 107  
EWR 1L13 S 101  
EWR 55G6 S 102  
SAM SA-10 S-300PS SR 5N66M CS 103  
SAM SA-10 S-300PS SR 64H6E BB 104  
SAM SA-10 S-300PS TR 30N6 10 110  
SAM SA-11 Buk SR 9S18M1 SD 107  
SAM SA-11 Buk LN 9A310M1 11 115  
SAM SA-6 Kub STR 1S91 6 108  
SAM SA-15 Tor 9A331 15 119  
  
CP 9S80M1 Sborka DE 109  
SAM SA-8 Osa 9A33 8 117  
SAM SA-13 Strela-10M3 9A35M3 13 118  
SAM SA-19 Tunguska 2S6 19 120  
AAA ZSU-23-4 Shilka A 121  
SAM SR P-19 S 122  
SAM SA-3 S-125 TR SNR 3 123  
Rapier FSA Blindfire Tracker RP 124  
Rapier FSA Launcher RT 125  
SAM SA-2 TR SNR-75 Fan Song 2 126  
HQ7 Self-Propelled LN 7 127  
HQ7 Self-Propelled STR HQ 128  
SAM Roland ADS RO 201  
SAM Patriot STR AN/MPQ-53 P 202  
SAM Hawk SR AN/MPQ-50 HK 203  
SAM Hawk TR AN/MPQ-46 HK 204  
SAM Roland SR RO 205  
SAM Hawk CWAR AN/MPQ-55 HK 206  
AAA Gepard A 207  
AAA Vulcan M163 A 208  
CV 1143.5 Admiral Kuznetsov SW 301  
CV 1143.5 Admiral Kuznetsov(2017) SW 320  
CG 1164 Moskva T2 303  
FFL 1124.4 Grisha HP 306  
FF 1135M Rezky TP 309  
FSG 1241.1MP Molniya PS 312  
CGN 1144.2 Piotr Velikiy HN 313  
Ticonderoga class AE 315  
FFG 11540 Neustrashimy TP 319  
Oliver Hazzard Perry class 49 401  
CVN-70 Carl Vinson SS 402  
CVN-71 Theodore Roosevelt SS 403  
CVN-72 Abraham Lincoln SS 404  
CVN-73 George Washington SS 405  
CVN-74 John C. Stennis SS 406  
LHA-1 Tarawa 40 407  
Type 071 Amphibious Transport Dock PS 408  
Type 052B Destroyer MR 409  
Type 052C Destroyer HN 410  
Type 054A Frigate MR 411

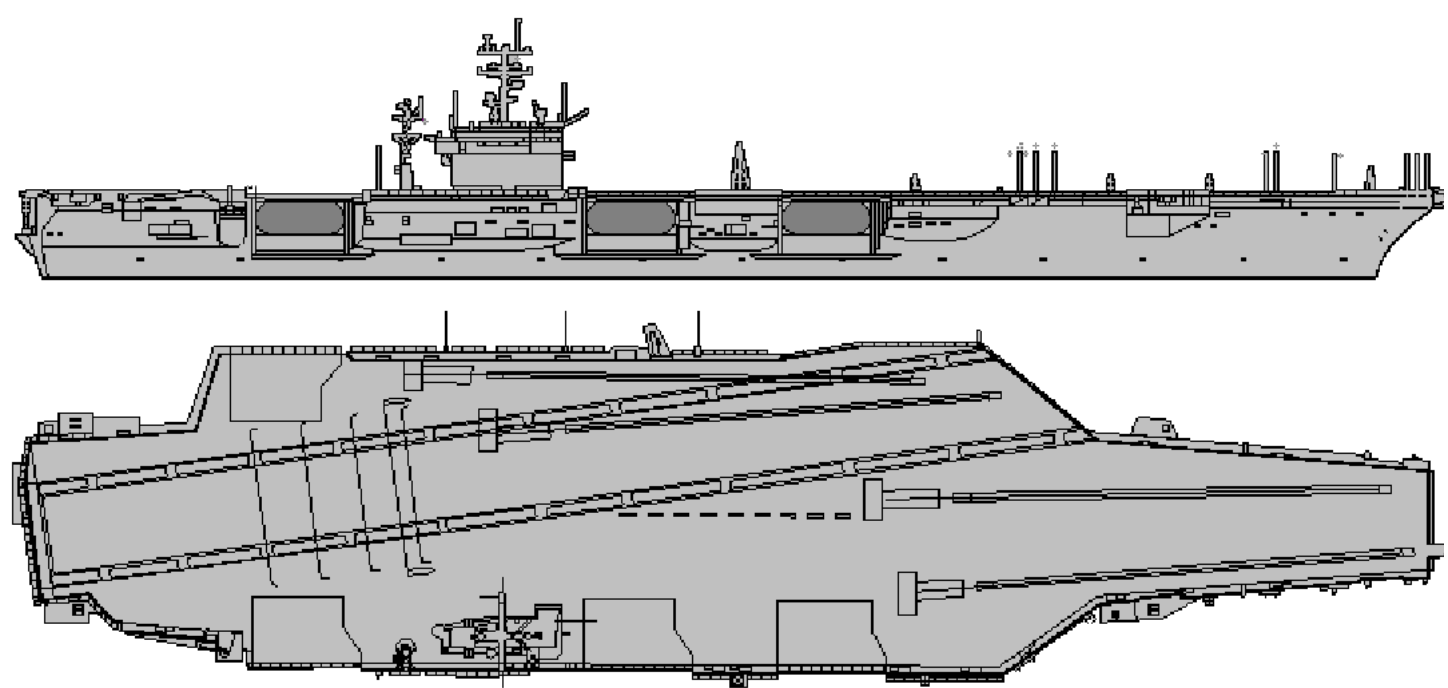
| OTHER FLIGHTS |          |                  |        |                            |       |       |
|---------------|----------|------------------|--------|----------------------------|-------|-------|
| Callsign      | Mission  | Airframe         | Freq   | TCN                        | Grpld | Laser |
| Monster 1     | CAS      | 2x A-10C         | 132.15 | 21/84                      | 10    | 156X  |
|               | AO       | Westcoast Khasab | Task   | ATO611 000B130             |       |       |
| T-Rex 2       | CAS      | 2x A-10C         | 132.25 | 21/84                      | 20    | 156X  |
|               | AO       | Central Khasab   | Task   | ATO612 000B150             |       |       |
| Raptor 1      | CAP      | 3x F-16C         | 134.0  | 21/84                      |       | 156X  |
|               | AO       | CAP Juliet       | Task   | ATO603 250B270             |       |       |
| Panther 5     | Strike   | 2x F/A-18C       | 261.35 | 21/84                      | 5     | 155X  |
|               | AO       | SoH              | Task   | ATO604 240B270             |       |       |
| Boar 3        | BAI      | 2x A-10C         | 132.45 | 21/84                      | 30    | 170X  |
|               | AO       | Ghassah          | Task   | ATO621 000B120             |       |       |
| Uzi 3         | Strike   | 1x AV-8B N/A     | 261.25 | 21/84                      |       | 156X  |
|               | AO       | Ghassah          | Task   | ATO622 220B240             |       |       |
| Cougar 3      | CAP      | 2x F-14B         | 261.25 | 21/84                      | 1     | 156X  |
|               | AO       | CAP Alfa         | Task   | Package A - ATO601 250B999 |       |       |
| BamBam        | Training | 1x Ground        | 35.35  | 21/84                      |       | 156X  |
|               | AO       |                  | Task   |                            |       |       |

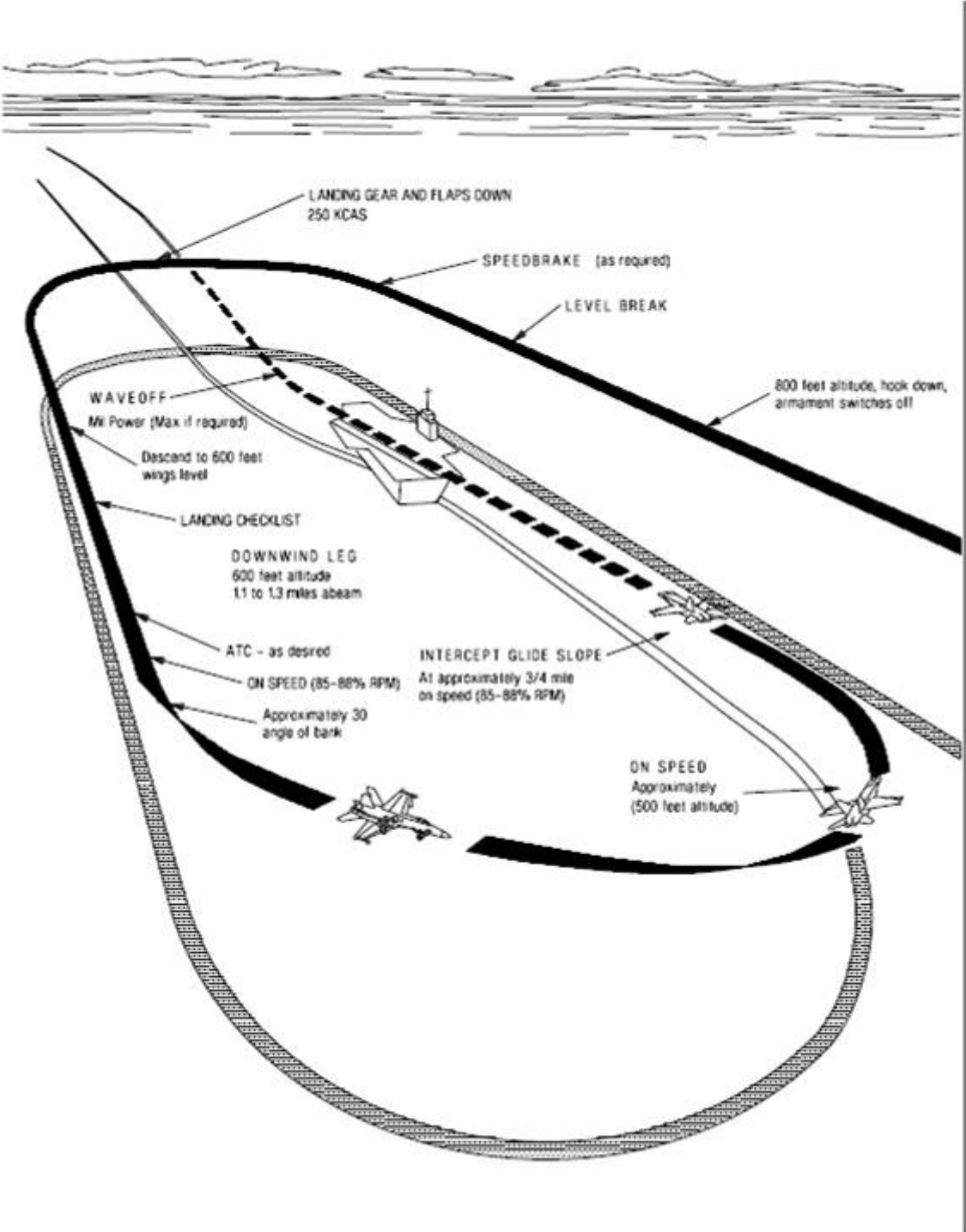
| RADIO CHANNELS |      |                          |
|----------------|------|--------------------------|
| #              | Freq | Name                     |
| 1              |      | Flight/Squadron specific |

| RAMROD     |      |     |     |    |    |     |    |    |    |    |
|------------|------|-----|-----|----|----|-----|----|----|----|----|
| 0          | 1    | 2   | 3   | 4  | 5  | 6   | 7  | 8  | 9  |    |
| D          | U    | P   | L   | I  | C  | A   | T  | E  | S  |    |
| KTC 1400 C |      |     |     |    |    |     |    |    |    |    |
|            | 0    | 1   | 2   | 3  | 4  | 5   | 6  | 7  | 8  | 9  |
| A          | KEAV | SGH | XBR | NW | IC | FTQ | JO | MP | UD | YL |
| B          | KCGX | TFO | JUM | YV | IE | HDL | WP | RB | AS | QN |
| C          | CFDJ | OSH | RPK | IG | BW | VUL | TN | QM | XY | AE |
| D          | CTQN | RUY | HDP | LJ | FO | GVE | BA | MX | IW | SK |
| E          | SENW | FMI | KQX | GH | UR | TLV | CO | JP | AB | YD |
| F          | FNQY | VDA | WUG | RC | OJ | HSB | EL | KX | TM | PI |
| G          | RDWT | EQM | SUV | OF | LK | BAI | NX | JC | PY | HG |
| H          | DGLX | CEU | RTS | NI | FV | AYH | MQ | JP | OB | WK |
| I          | QWND | BXI | PLK | TY | RS | JAU | FH | MG | VE | OC |
| J          | PUKM | RYX | TLD | GJ | ES | OQV | HN | CF | WA | BI |
| K          | LVFD | UPG | CEQ | YA | SJ | BNI | XO | RK | WT | MH |
| L          | JPKY | UNG | SLQ | RM | TB | OAH | CF | DX | VW | IE |
| M          | RFEH | DXQ | KCO | BM | AS | WGP | UV | YJ | LN | IT |
| N          | NRWX | JCF | MHV | IK | QL | AYG | SO | TE | BU | PD |
| O          | IBHJ | YUN | SCP | KW | LA | QED | RG | VX | FT | OM |
| P          | MFDH | PKX | WTN | OQ | JE | GBS | IA | UC | RV | LY |
| Q          | UMOP | FKL | WQI | JH | BN | DTV | CS | XE | GA | YR |
| R          | XONY | HLM | TEU | CJ | KQ | BRS | WD | PA | IV | FG |
| S          | ECXT | LAR | NSG | FD | PV | WKI | JQ | YH | UB | MO |
| T          | NOSM | EJK | PAQ | XG | CI | BWT | VR | YD | UF | LH |
| U          | RSDC | KFB | TVX | IM | AJ | YLQ | EO | UH | PN | WG |
| V          | BUOC | ENI | DFA | YV | RX | QGK | PT | WH | SJ | LM |
| W          | WDXJ | FUA | RKS | LG | NH | OVE | QP | YC | BI | MT |
| X          | VDCN | AIE | SFW | JH | GR | LPK | OY | BX | TQ | MU |
| Y          | OWFK | BXM | INY | PU | ST | QLJ | EV | AR | CH | GD |

| 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        |

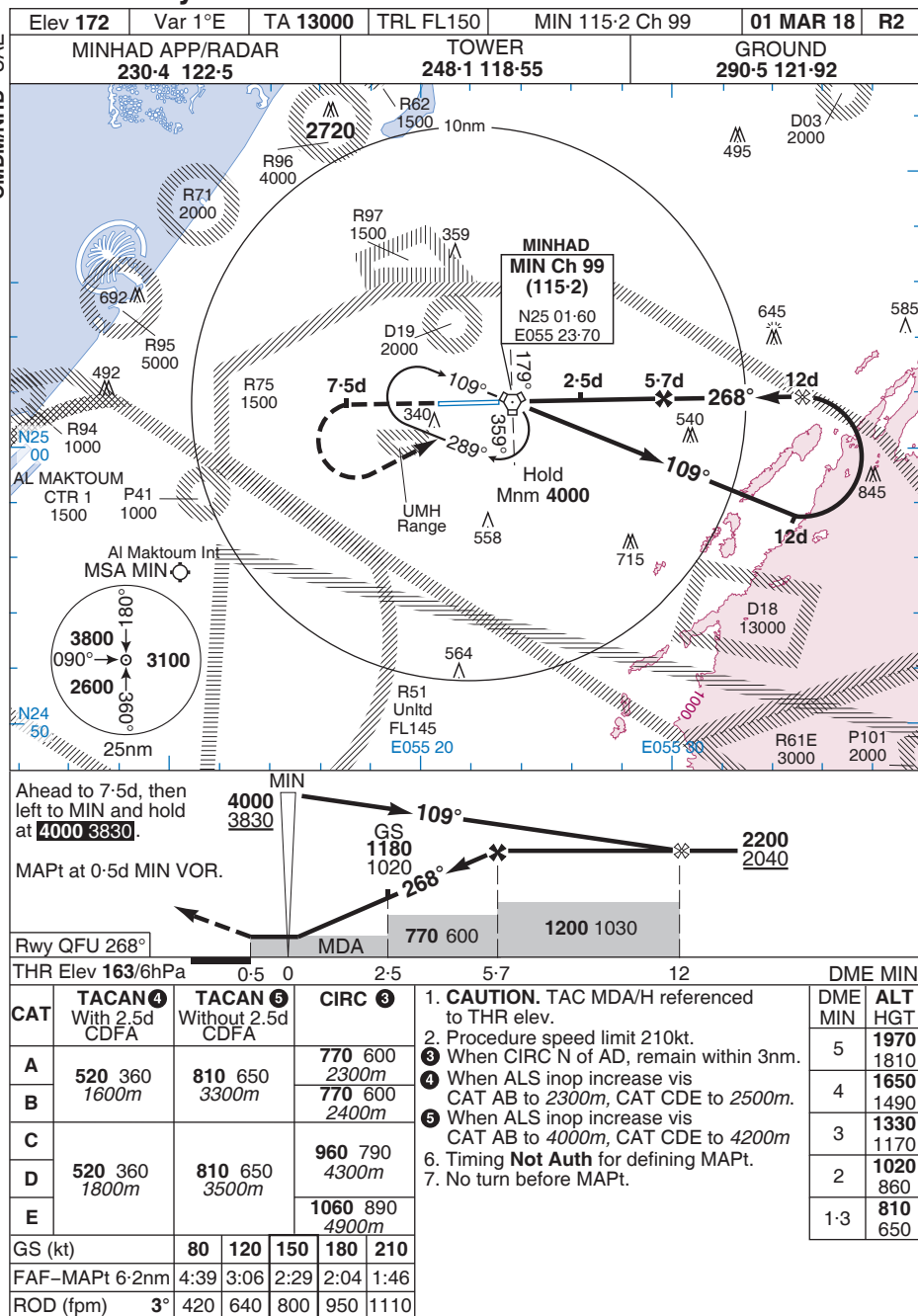






## DUBAI/Minhad

OMDM/NHD- UAE



DUBAI/Minhad

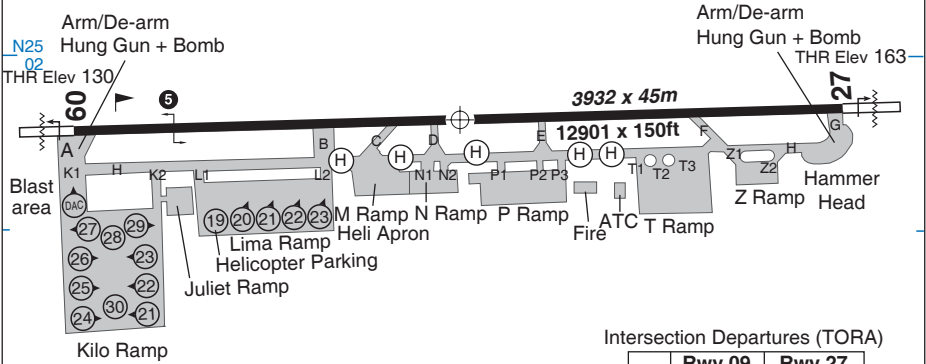
## TACAN Rwy 27

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 |