

VTUK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTUK - KHON KAEN / KHON KAEN AIRPORT

VTUK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|---|
| 1 | ARP coordinates and site at AD | 162752.39N 1024656.19E |
| 2 | Direction and distance from (city) | APRX 8 KM SE from the city |
| 3 | Elevation/Reference temperature | 670 FT/37°C |
| 4 | Geoid Undulation at AD ELEV PSN | NIL |
| 5 | MAG VAR/Annual change | 0.80°W(2016)/0.01°W |
| 5 | AD Administration, address, telephone, telefax, telex, AFS | Director of Khon Kaen Airport Khon Kaen Airport 68/24 Moo 5, Tambon Banped Amphoe Muang Khon Kaen Province 40000, Thailand Tel: +664 346 8170-5 Fax: +664 346 8186 AFS: VTUKYDYX |
| 6 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 7 | Remarks | Operator: Department of Airports |

VTUK AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|---|
| 1 | Aerodrome Operator | 2300-1500 |
| 2 | Customs and immigration | 2300-1500 Other than this period on request |
| 3 | Health and sanitation | 2300-1500 Other than this period on request |
| 4 | AIS Briefing Office | NIL |
| 5 | ATS Reporting Office (ARO) | 2300-1500 |
| 6 | MET Briefing Office | NIL |
| 7 | ATS | 2300-1500 |
| 8 | Fuelling | 2400-1300 Other than this period on request |
| 9 | Handling | NIL |
| 10 | Security | NIL |
| 11 | De-icing | NIL |
| 12 | Remarks | ATS Reporting Office (ARO): Located at Udon Thani Air Traffic Control Centre (1st floor of tower building) Tel: +664 223 0124 +669 2262 3477 Fax: +664 224 2797 |

VTUK AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--|
| 1 | Cargo-handling facilities | NIL |
| 2 | Fuel/oil types | JET A-1 |
| 3 | Fuelling facilities/capacity | 1 JET A-1 Refueller @ 12,000 L 1 JET A-1 Refueller @ 8,000 L 1 AVGAS Refueller @ 3,000 L |
| 4 | De-icing facilities | NIL |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | NIL |

VTUK AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|---|
| 1 | Hotels | In the city |
| 2 | Restaurants | Available at the airport and in the city |
| 3 | Transportation | Taxi and Car Rental and Bus |
| 4 | Medical facilities | NIL |
| 5 | Bank and Post Office | Bank: open from 0030-1300 Post office: open from 0330-1330 |
| 6 | Tourist Office | NIL |
| 7 | Remarks | NIL |

VTUK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|------------|
| 1 | AD category for fire fighting | Category 8 |
| 2 | Rescue equipment | Yes |
| 3 | Capability for removal of disabled aircraft | NIL |
| 4 | Remarks | NIL |

VTUK AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-----------------------------|---|
| 1 | Types of clearing equipment | NIL |
| 2 | Clearance priorities | NIL |
| 3 | Remarks | The aerodrome is available all seasons. |

VTUK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|---|--|
| 1 | Apron surface and strength | Surface: Concrete Strength: PCN 65/R/C/X/T |
| 2 | Taxiway width, surface and strength | Width: 23 M Surface: Concrete and asphalt Strength: PCN 65/F/C/X/T |
| 3 | Altimeter checkpoint location and elevation | NIL |
| 4 | VOR checkpoints | NIL |
| 5 | INS checkpoints | NIL |
| 6 | Remarks | NIL |

VTUK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|---|---------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | NIL |
| 2 | RWY and TWY markings and LGT | RWY and TWY: Marked and lighted |
| 3 | Stop bars | NIL |
| 4 | Remarks | NIL |

VTUK AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | In circling areas and at AD | | Remarks |
|------------------------|--|-------------|--|-------------|---------|
| 1 | | | 2 | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Coordinates | Obstacle type Elevation Markings/LGT | Coordinates | |
| a | b | c | a | b | |
| NIL | NIL | NIL | NIL | NIL | NIL |

VTUK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|--|
| 1 | Associated MET Office | Upper Northeastern Meteorological Center, Thai Meteorological Department (TMD) |
| 2 | Hours of service MET Office outside hours | H24 NIL |
| 3 | Office responsible for TAF preparation Periods of validity | Upper Northeastern Meteorological Center 24 HR |
| 4 | Type of landing forecast Interval of issuance | TREND 1 HR |
| 5 | Briefing/consultation provided | Personal Consultation Tel: +664 346 8224 Fax: +664 346 8086 |
| 6 | Flight documentation Language(s) used | Charts, Tabular forms and Abbreviated Plain Language Texts English |
| 7 | Charts and other information available for briefing or consultation | S, U85, U70, U50, U40, U30, U25, U20, SWH, SWM, SWL, P85, P70, P50, P40, P30, P25, P20, P15, satellite and radar images |
| 8 | Supplementary equipment available for providing information | Automated Weather Observation System (AWOS), Low Level Wind Shear Alert System (LLWAS) and Weather Radar |
| 9 | ATS units provided with information | Khon Kaen TWR |
| 10 | Additional information (limitation of service, etc.) | NIL |

VTUK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE BRG | Dimensions of RWY(M) | Strength (PCN) and surface of RWY and SWY | THR coordinates RWY end coordinates THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------------|----------|-------------------------|---|--|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 03 | 033.94° | 3050x45 | PCN 65/F/C/X/T Concrete and asphalt | 162722.26N 1024636.04E | THR 601 FT TDZ 635 FT |
| 21 | 213.94° | 3050x45 | PCN 65/F/C/X/T Concrete and asphalt | 162837.46N 1024726.33E | THR 670 FT TDZ 670 FT |

| Slope of RWY-SWY | SWY dimensions (M) | CWY dimensions (M) | Strip dimensions (M) | OFZ | Remarks |
|------------------|-----------------------|-----------------------|-------------------------|-----|---------|
| 7 | 8 | 9 | 10 | 11 | 12 |
| +0.80% | NIL | NIL | 3170x300 | NIL | NIL |
| -0.60% | NIL | NIL | 3170x300 | NIL | NIL |

VTUK AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|-------------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 03 | 3050 | 3050 | 3050 | 2900 | NIL |
| 21 | 3050 | 3050 | 3050 | 2900 | NIL |

VTUK AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT type LEN INTST | THR LGT colour WBAR | VASIS (MEHT) PAPI | TDZ, LGT LEN | RWY Centre Line LGT Length, spacing, colour, INTST | RWY edge LGT LEN, spacing, colour INTST | RWY End LGT colour WBAR | SWY LGT LEN (M) colour | Remarks |
|-------------------|-------------------------------|---------------------------|-------------------------|-----------------|---|--|----------------------------------|------------------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 03 | RTIL | Green WBAR | PAPI Left 3° | NIL | NIL | 3050 M 60 M White, LIH | Red | NIL | NIL |
| 21 | RTIL | Green WBAR | PAPI Left 3° | NIL | NIL | 3050 M 60 M White, LIH | Red | NIL | NIL |

VTUK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: At Tower Building, FLG W G EV 7 SEC |
| 2 | LDI location and LGT Anemometer location and LGT | NIL |
| 3 | TWY edge and centre line lighting | Edge: All taxiway |
| 4 | Secondary power supply/switch-over time | Secondary power supply to all lighting at the airport, Switch-over time: 15 SEC |
| 5 | Remarks | Flares 2 HR PN |

VTUK AD 2.16 HELICOPTER LANDING AREA

| | | |
|---|--|-----|
| 1 | Coordinates TLOF or THR of FATO Geoid undulation | NIL |
| 2 | TLOF and/or FATO elevation M/FT | NIL |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | NIL |
| 4 | True and MAG BRG of FATO | NIL |
| 5 | Declared distance available | NIL |
| 6 | APP and FATO lighting | NIL |
| 7 | Remarks | NIL |

VTUK AD 2.17 ATS AIRSPACE

| | | |
|---|-----------------------------------|--|
| 1 | Designation and lateral limits | A circle of 5 NM radius centred on KKN DVOR/DME (162814.73N1024716.07E) |
| 2 | Vertical limits | 2000 FT/AGL |
| 3 | Airspace classification | C |
| 4 | ATS unit call sign Language(s) | KHON KAEN TOWER English, Thai |
| 5 | Transition altitude | 11000 FT |
| 6 | Remarks | NIL |

VTUK AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of operation | Remarks |
|---------------------|--------------------|--|--------------------|-----------------------------------|
| 1 | 2 | 3 | 4 | 5 |
| APP | Khon Kaen Approach | 123.4 MHZ 240.0 MHZ 121.5 MHZ ¹⁾ | As AD OPR HR | ¹⁾ Emergency frequency |
| TWR | Khon Kaen Tower | 122.25 MHZ 236.6 MHZ 121.5 MHZ ¹⁾ | As AD OPR HR | |
| GND | Khon Kaen Ground | 121.9 MHZ | As AD OPR HR | |
| ATIS | Khon Kaen Airport | 126.85 MHZ | As AD OPR HR | |

VTUK AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS, give declination) | ID | Frequency | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks |
|---|-----|--------------------|-----------------------|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| NDB | KN | 393 KHZ | H24 | 162743.41N 1024704.18E | NIL | NIL |
| DVOR/DME | KKN | 114.9 MHZ CH96X | H24 | 162814.73N 1024716.07E | NIL | DVOR/DME restriction due to terrain surround DVOR/DME station, coverage check does not provide adequate signal 40 NM at required altitude in various areas as follows: <ul style="list-style-type: none"> - Radial 001°-080° altitude should not below 2 500 FT - Radial 081°-220° altitude should not below 2 000 FT - Radial 221°-360° altitude should not below 3 500 FT |

VTUK AD 2.20 LOCAL AERODROME REGULATIONS

1. LOCAL PROCEDURES

1.1 Landing and Take off

Aircraft intended to landing/take off at Khon Kaen Airport take off RWY03 and land at RWY21 only, except for the safe of aircraft.

2. 180 DEGREES TURN ON THE RUNWAY

To prevent runway pavement damage which may result in the closure of the aerodrome if such damage is severe, aircraft code letter C or higher shall make 180 degrees turn at the runway turn pads located on both end of runway. Any breach done by the aircraft operator shall be recorded and reported to The Civil Aviation Authority of Thailand (CAAT)/ The Headquarter of that operator shall be liable for the compensation caused by such violation.

VTUK AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VTUK AD 2.22 FLIGHT PROCEDURES

1. VFR Procedures

Details of VFR entry and exit procedures, see charts.

2. Take-off and Landing when VTD65 Active

During military air exercise taking place on exercise area Nam Phong Range (VTD65), all aircraft departing/arriving VTUK shall comply with the following instructions:

- a) Pilot might be requested to take-off RWY 21 and landing RWY 03.
- b) If unable to comply with RWY restriction, pilot shall inform ATC immediately and expect delay.

VTUK AD 2.23 ADDITIONAL INFORMATION

NIL

VTUK AD 2.24 CHARTS RELATED TO AN AERODROME

| Chart name | Page |
|--|----------------|
| Aerodrome Chart - ICAO | AD 2-VTUK-2-1 |
| Aircraft Parking/Docking Chart - ICAO | AD 2-VTUK-2-3 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 03 - AKRET1A ALGIT1A EMRUT1A NEMTE1A ONUV11A SEDNO1C | AD 2-VTUK-6-1 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 03 - AKRET1A ALGIT1A EMRUT1A NEMTE1A ONUV11A SEDNO1C (Tabular description) | AD 2-VTUK-6-2 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 03 - AKRET1A ALGIT1A EMRUT1A NEMTE1A ONUV11A SEDNO1C (Waypoint list table) | AD 2-VTUK-6-3 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 21 - AKRET1B ALGIT1B EMRUT1B NEMTE1B ONUV11B SEDNO1D | AD 2-VTUK-6-5 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 21 - AKRET1B ALGIT1B EMRUT1B NEMTE1B ONUV11B SEDNO1D (Tabular description) | AD 2-VTUK-6-6 |
| Standard Departure Chart - Instrument (SID) - ICAO - RNAV RWY 21 - AKRET1B ALGIT1B EMRUT1B NEMTE1B ONUV11B SEDNO1D (Waypoint list table) | AD 2-VTUK-6-7 |
| Instrument Approach Chart - ICAO - NDB z RWY 03 | AD 2-VTUK-8-1 |
| Instrument Approach Chart - ICAO - NDB RWY 21 | AD 2-VTUK-8-3 |
| Instrument Approach Chart - ICAO - VOR RWY 03 | AD 2-VTUK-8-5 |
| Instrument Approach Chart - ICAO - VOR RWY 03 (Fix and point list table) | AD 2-VTUK-8-6 |
| Instrument Approach Chart - ICAO - VOR RWY 21 | AD 2-VTUK-8-7 |
| Instrument Approach Chart - ICAO - VOR RWY 21 (Fix and point list table) | AD 2-VTUK-8-8 |
| Instrument Approach Chart - ICAO - RNP RWY 03 | AD 2-VTUK-8-9 |
| Instrument Approach Chart - ICAO - RNP RWY 03 (Tabular description) | AD 2-VTUK-8-10 |
| Instrument Approach Chart - ICAO - RNP RWY 03 (Waypoint list table) | AD 2-VTUK-8-11 |
| Instrument Approach Chart - ICAO - RNP RWY 21 | AD 2-VTUK-8-13 |
| Instrument Approach Chart - ICAO - RNP RWY 21 (Tabular description) | AD 2-VTUK-8-14 |
| Instrument Approach Chart - ICAO - RNP RWY 21 (Waypoint list table) | AD 2-VTUK-8-15 |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (NORTH) | AD 2-VTUK-9-1 |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (NORTH) (Tabular description) | AD 2-VTUK-9-2 |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (SOUTH) | AD 2-VTUK-9-3 |
| VFR ENTRY PROCEDURE CHART - RWY 03/21 (SOUTH) (Tabular description) | AD 2-VTUK-9-4 |
| VFR EXIT PROCEDURE CHART - RWY 03 (NORTH) | AD 2-VTUK-9-5 |
| VFR EXIT PROCEDURE CHART - RWY 03 (NORTH) (Tabular description) | AD 2-VTUK-9-6 |
| VFR EXIT PROCEDURE CHART - RWY 03 (SOUTH) | AD 2-VTUK-9-7 |
| VFR EXIT PROCEDURE CHART - RWY 03 (SOUTH) (Tabular description) | AD 2-VTUK-9-8 |
| VFR EXIT PROCEDURE CHART - RWY 21 (NORTH) | AD 2-VTUK-9-9 |
| VFR EXIT PROCEDURE CHART - RWY 21 (NORTH) (Tabular description) | AD 2-VTUK-9-10 |
| VFR EXIT PROCEDURE CHART - RWY 21 (SOUTH) | AD 2-VTUK-9-11 |
| VFR EXIT PROCEDURE CHART - RWY 21 (SOUTH) (Tabular description) | AD 2-VTUK-9-12 |

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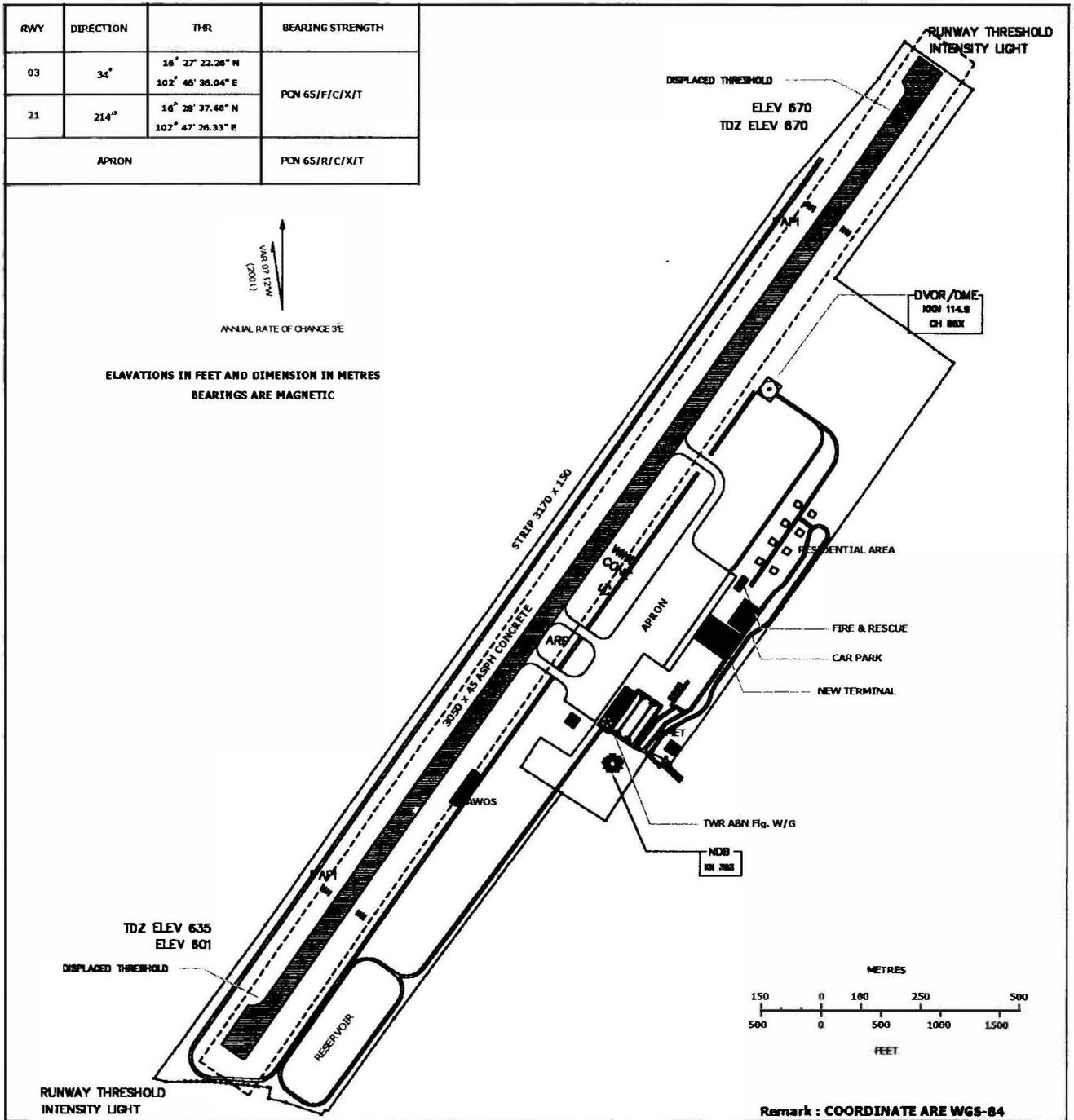
AERODROME CHART-ICAO

16° 27' 52" N
102° 46' 56" E

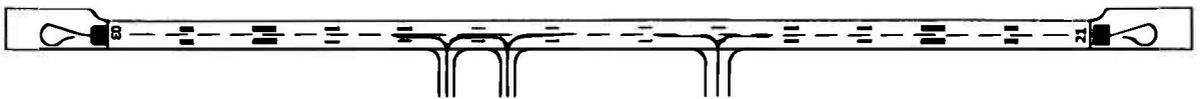
ELEV 670 ft
204 m

TWR 122.25
236.6

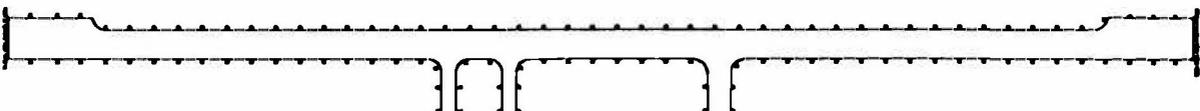
KHON KAEN/Khon Kaen



MARKING AIDS RWY 03/21 AND EXIT TWY



LIGHTING AIDS RWY 03/21 AND EXIT TWY



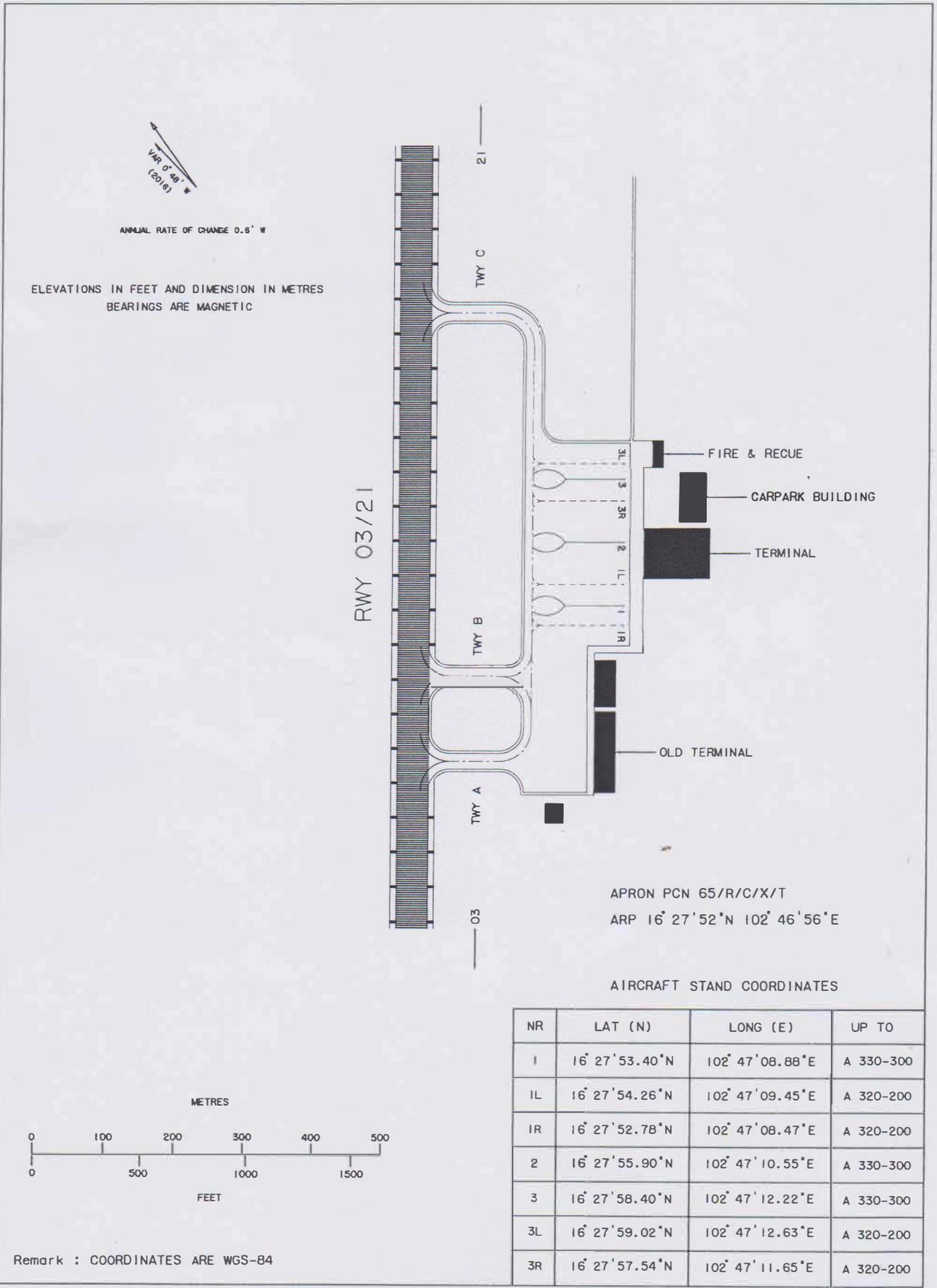
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AIRCRAFT PARKING /
DOCKING CHART - ICAO

APRON ELEV 633 ft
193 m

TWR 122.25
236.60

KHON KAEN /
Khon Kaen



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**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO**

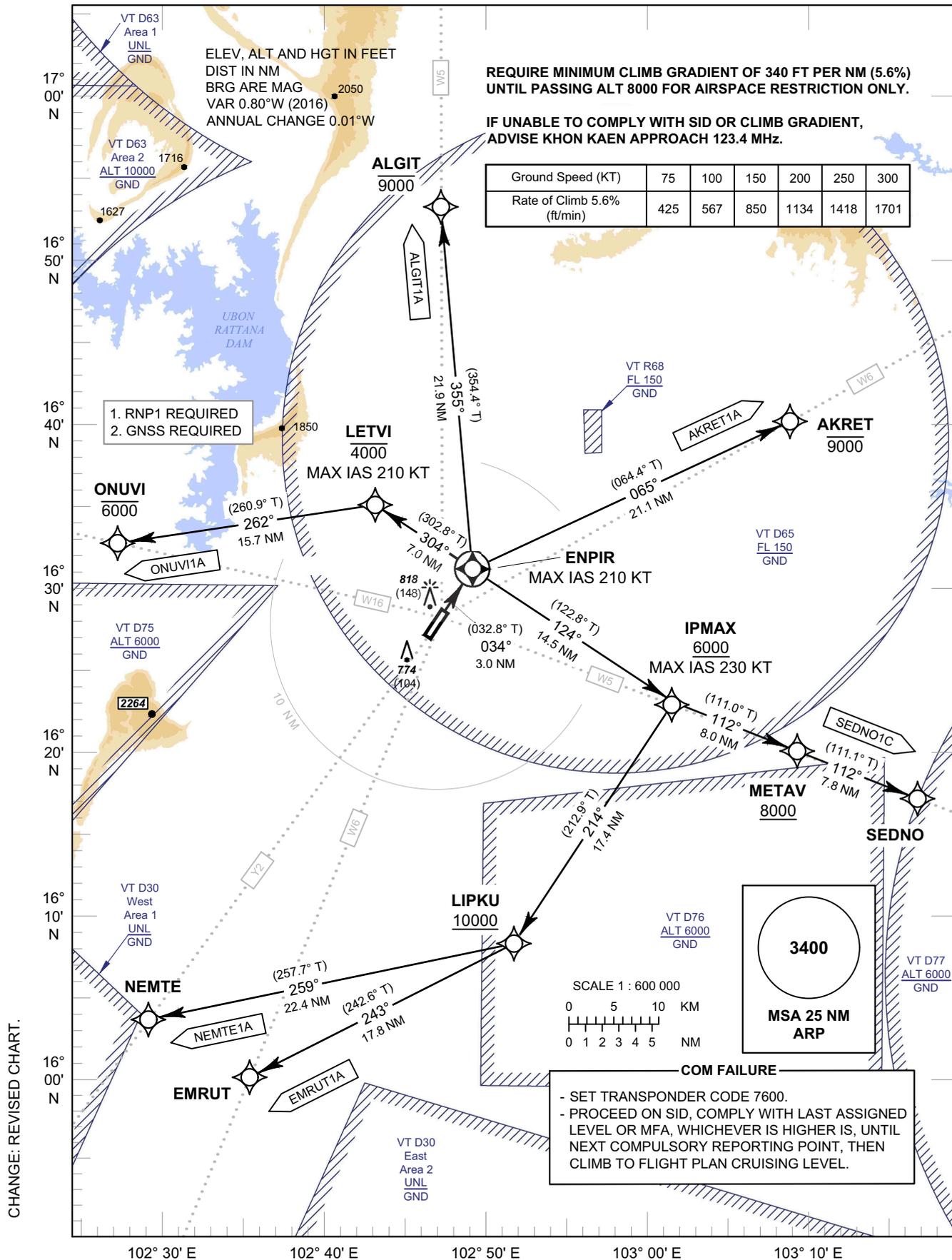
TRANSITION ALTITUDE
11000 FT

APP : 123.4 , 240.0
TWR : 122.25 , 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)**

RNAV RWY03

AKRET1A ALGIT1A EMRUT1A
NEMTE1A ONUVI1A SEDNO1C



STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO

KHON KAEN /
Khon Kaen (VTUK)

RNAV RWY03

AKRET1A ALGIT1A EMRUT1A
NEMTE1A ONUVI1A SEDNO1C

TABULAR DESCRIPTION

| RNAV RWY03 | | | | | | | | | | | |
|---------------|-----------------|---------------------|---------|------------------|--------------------|---------------|----------------|---------------|------------|---------|--------------------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Flyover | Course ° M (° T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KT) | VPA/TCH | Navigation Specification |
| ALGIT1A | | | | | | | | | | | |
| 010 | - | DER RWY03 | - | - | +0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | ENPIR | Y | 034°(032.8°) | +0.84 | 3.0 | - | - | -210 | - | RNP1 |
| 030 | TF | ALGIT | - | 355°(354.4°) | +0.84 | 21.9 | - | -9000 | - | - | RNP1 |
| AKRET1A | | | | | | | | | | | |
| 010 | - | DER RWY03 | - | - | +0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | ENPIR | Y | 034°(032.8°) | +0.84 | 3.0 | - | - | -210 | - | RNP1 |
| 030 | TF | AKRET | - | 065°(064.4°) | +0.84 | 21.1 | - | -9000 | - | - | RNP1 |
| EMRUT1A | | | | | | | | | | | |
| 010 | - | DER RWY03 | - | - | +0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | ENPIR | Y | 034°(032.8°) | +0.84 | 3.0 | R | - | -210 | - | RNP1 |
| 030 | TF | IPMAX | - | 124°(122.8°) | +0.84 | 14.5 | R | +6000 | -230 | - | RNP1 |
| 040 | TF | LIPKU | - | 214°(212.9°) | +0.84 | 17.4 | R | +10000 | - | - | RNP1 |
| 050 | TF | EMRUT | - | 243°(242.6°) | +0.84 | 17.8 | - | - | - | - | RNP1 |
| NEMTE1A | | | | | | | | | | | |
| 010 | - | DER RWY03 | - | - | +0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | ENPIR | Y | 034°(032.8°) | +0.84 | 3.0 | R | - | -210 | - | RNP1 |
| 030 | TF | IPMAX | - | 124°(122.8°) | +0.84 | 14.5 | R | +6000 | -230 | - | RNP1 |
| 040 | TF | LIPKU | - | 214°(212.9°) | +0.84 | 17.4 | R | +10000 | - | - | RNP1 |
| 050 | TF | NEMTE | - | 259°(257.7°) | +0.84 | 22.4 | - | - | - | - | RNP1 |
| SEDNO1C | | | | | | | | | | | |
| 010 | - | DER RWY03 | - | - | +0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | ENPIR | Y | 034°(032.8°) | +0.84 | 3.0 | - | - | -210 | - | RNP1 |
| 030 | TF | IPMAX | - | 124°(122.8°) | +0.84 | 14.5 | - | +6000 | -230 | - | RNP1 |
| 040 | TF | METAV | - | 112°(111.0°) | +0.84 | 8.0 | - | +8000 | - | - | RNP1 |
| 050 | TF | SEDNO | - | 112°(111.1°) | +0.84 | 7.8 | - | - | - | - | RNP1 |
| ONUVI1A | | | | | | | | | | | |
| 010 | - | DER RWY03 | - | - | +0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | ENPIR | Y | 034°(032.8°) | +0.84 | 3.0 | - | - | -210 | - | RNP1 |
| 030 | TF | LETVI | - | 304°(302.8°) | +0.84 | 7.0 | - | -4000 | -210 | - | RNP1 |
| 040 | TF | ONUVI | - | 262°(260.9°) | +0.84 | 15.7 | - | -6000 | - | - | RNP1 |

CHANGE: REVISED CHART.

**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO**

**KHON KAEN /
Khon Kaen (VTUK)**

RNAV RWY03

AKRET1A ALGIT1A EMRUT1A
NEMTE1A ONUVI1A SEDNO1C

WAYPOINT LIST

| RNAV RWY03 | |
|---------------------|------------------------------------|
| Waypoint Identifier | Coordinates |
| DER RWY03 | 16° 28' 37.46" N 102° 47' 26.33" E |
| AKRET | 16° 40' 16.00" N 103° 08' 55.51" E |
| ALGIT | 16° 52' 59.94" N 102° 46' 54.83" E |
| EMRUT | 16° 00' 19.64" N 102° 35' 33.26" E |
| ENPIR | 16° 31' 09.32" N 102° 49' 07.92" E |
| IPMAX | 16° 23' 15.12" N 103° 01' 48.22" E |
| LETVI | 16° 34' 57.96" N 102° 43' 00.52" E |
| LIPKU | 16° 08' 34.73" N 102° 51' 59.03" E |
| METAV | 16° 20' 22.00" N 103° 09' 34.14" E |
| NEMTE | 16° 03' 44.79" N 102° 29' 12.78" E |
| ONUVI | 16° 32' 28.21" N 102° 26' 55.02" E |
| SEDNO | 16° 17' 33.31" N 103° 17' 07.18" E |

CHANGE: NEW CHART.

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**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO**

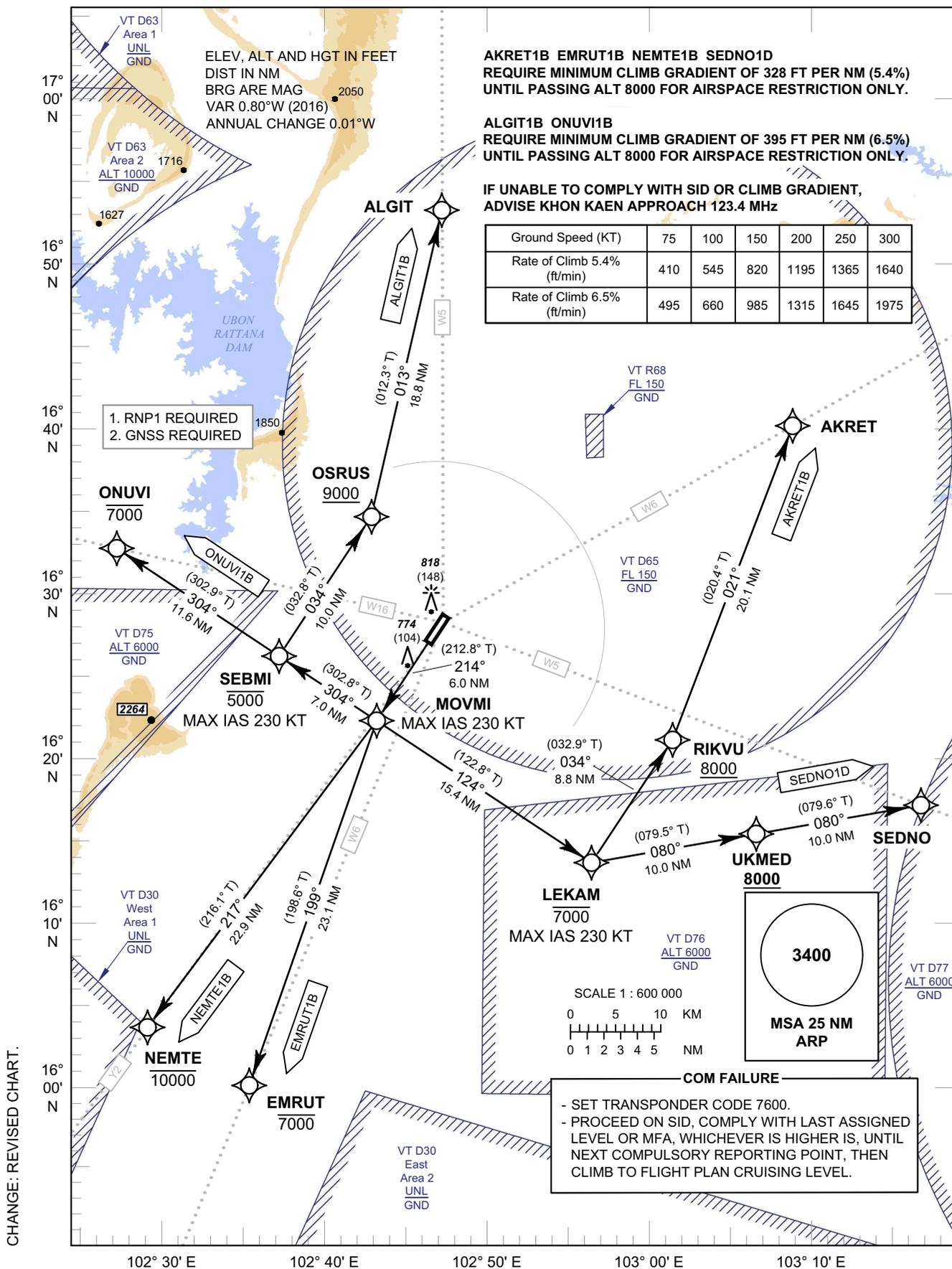
TRANSITION ALTITUDE
11000 FT

APP : 123.4 , 240.0
TWR : 122.25 , 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)**

RNAV RWY21

AKRET1B ALGIT1B EMRUT1B
NEMTE1B ONUVI1B SEDNO1D



STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO

KHON KAEN /
Khon Kaen (VTUK)

RNAV RWY21

AKRET1B ALGIT1B EMRUT1B
NEMTE1B ONUVI1B SEDNO1D

TABULAR DESCRIPTION

| RNAV RWY21 | | | | | | | | | | | |
|---------------|-----------------|---------------------|---------|------------------|--------------------|---------------|----------------|---------------|------------|----------|--------------------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Flyover | Course ° M (° T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KT) | VPA/ TCH | Navigation Specification |
| AKRET1B | | | | | | | | | | | |
| 010 | - | DER RWY21 | - | - | + 0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | MOVMI | - | 214°(212.8°) | + 0.84 | 6.0 | - | - | - 230 | - | RNP1 |
| 030 | TF | LEKAM | - | 124°(122.8°) | + 0.84 | 15.4 | - | -7000 | - 230 | - | RNP1 |
| 040 | TF | RIKVU | - | 034°(032.9°) | + 0.84 | 8.8 | - | +8000 | - | - | RNP1 |
| 050 | TF | AKRET | - | 021°(020.4°) | + 0.84 | 20.1 | - | - | - | - | RNP1 |
| ALGIT1B | | | | | | | | | | | |
| 010 | - | DER RWY21 | - | - | + 0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | MOVMI | - | 214°(212.8°) | + 0.84 | 6.0 | - | - | - 230 | - | RNP1 |
| 030 | TF | SEBMI | - | 304°(302.8°) | + 0.84 | 7.0 | - | -7000 | - 230 | - | RNP1 |
| 040 | TF | OSRUS | - | 034°(032.8°) | + 0.84 | 10.0 | - | +9000 | - | - | RNP1 |
| 040 | TF | ALGIT | - | 013°(012.3°) | + 0.84 | 18.8 | - | - | - | - | RNP1 |
| EMRUT1B | | | | | | | | | | | |
| 010 | - | DER RWY21 | - | - | + 0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | MOVMI | - | 214°(212.8°) | + 0.84 | 6.0 | - | - | - 230 | - | RNP1 |
| 030 | TF | EMRUT | - | 199°(198.6°) | + 0.84 | 23.1 | - | -7000 | - | - | RNP1 |
| NEMTE1B | | | | | | | | | | | |
| 010 | - | DER RWY21 | - | - | + 0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | MOVMI | - | 214°(212.8°) | + 0.84 | 6.0 | - | - | - 230 | - | RNP1 |
| 030 | TF | NEMTE | - | 217°(216.1°) | + 0.84 | 22.9 | - | -10000 | - | - | RNP1 |
| ONUVI1B | | | | | | | | | | | |
| 010 | - | DER RWY21 | - | - | + 0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | MOVMI | - | 214°(212.8°) | + 0.84 | 6.0 | - | - | - 230 | - | RNP1 |
| 030 | TF | SEBMI | - | 304°(302.8°) | + 0.84 | 7.0 | - | -5000 | - 230 | - | RNP1 |
| 040 | TF | ONUVI | - | 304°(302.9°) | + 0.84 | 11.6 | - | -7000 | - | - | RNP1 |
| SEDNO1D | | | | | | | | | | | |
| 010 | - | DER RWY21 | - | - | + 0.84 | - | - | - | - | - | RNP1 |
| 020 | CF | MOVMI | - | 214°(212.8°) | + 0.84 | 6.0 | - | - | - 230 | - | RNP1 |
| 030 | TF | LEKAM | - | 124°(122.8°) | + 0.84 | 15.4 | - | -7000 | - 230 | - | RNP1 |
| 040 | TF | UKMED | - | 080°(079.5°) | + 0.84 | 10.0 | - | +8000 | - | - | RNP1 |
| 050 | TF | SEDNO | - | 080°(079.6°) | + 0.84 | 10.0 | - | - | - | - | RNP1 |

CHANGE: REVISED CHART.

**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO**

**KHON KAEN /
Khon Kaen (VTUK)**

RNAV RWY21

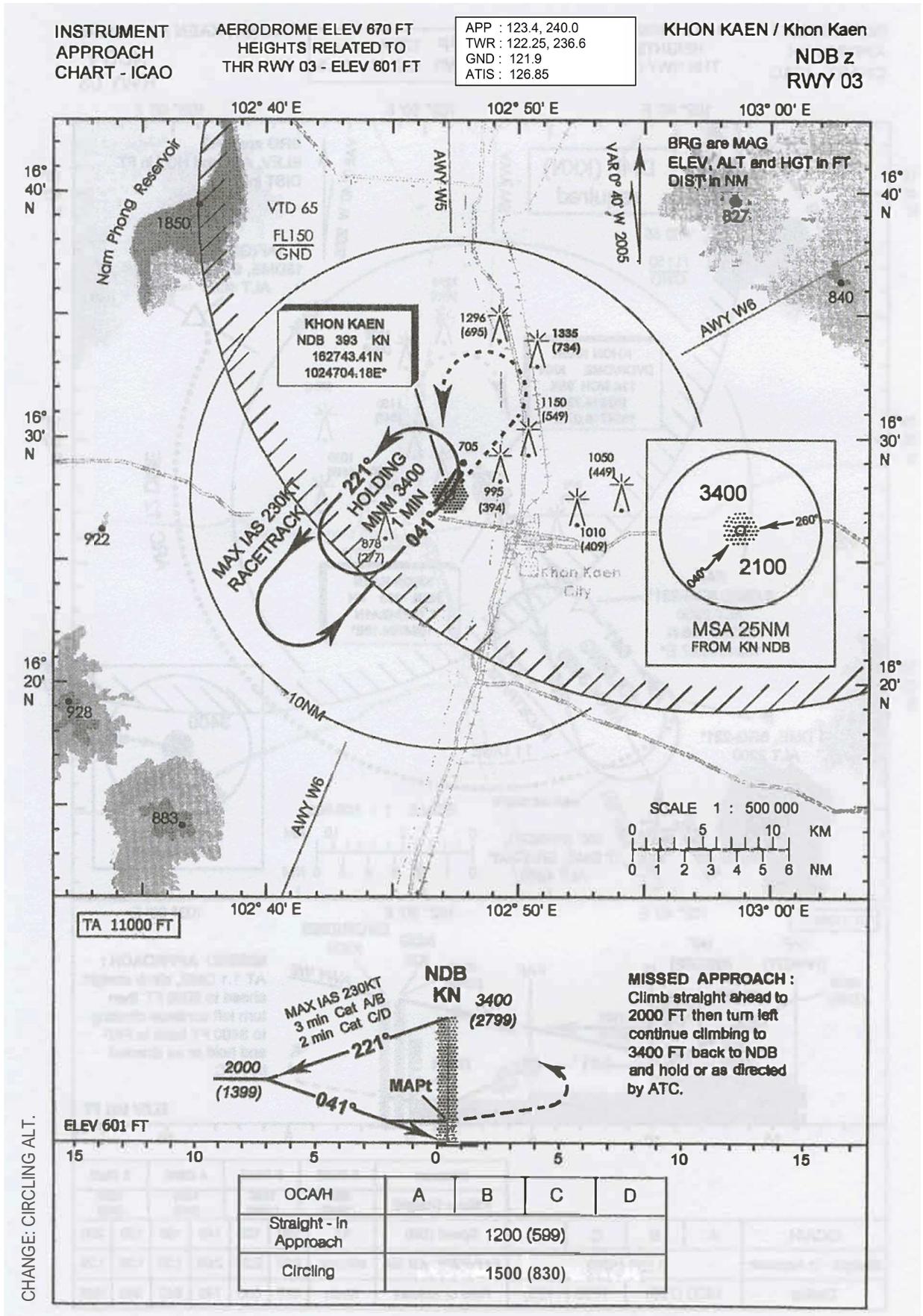
AKRET1B ALGIT1B EMRUT1B
NEMTE1B ONUVI1B SEDNO1D

WAYPOINT LIST

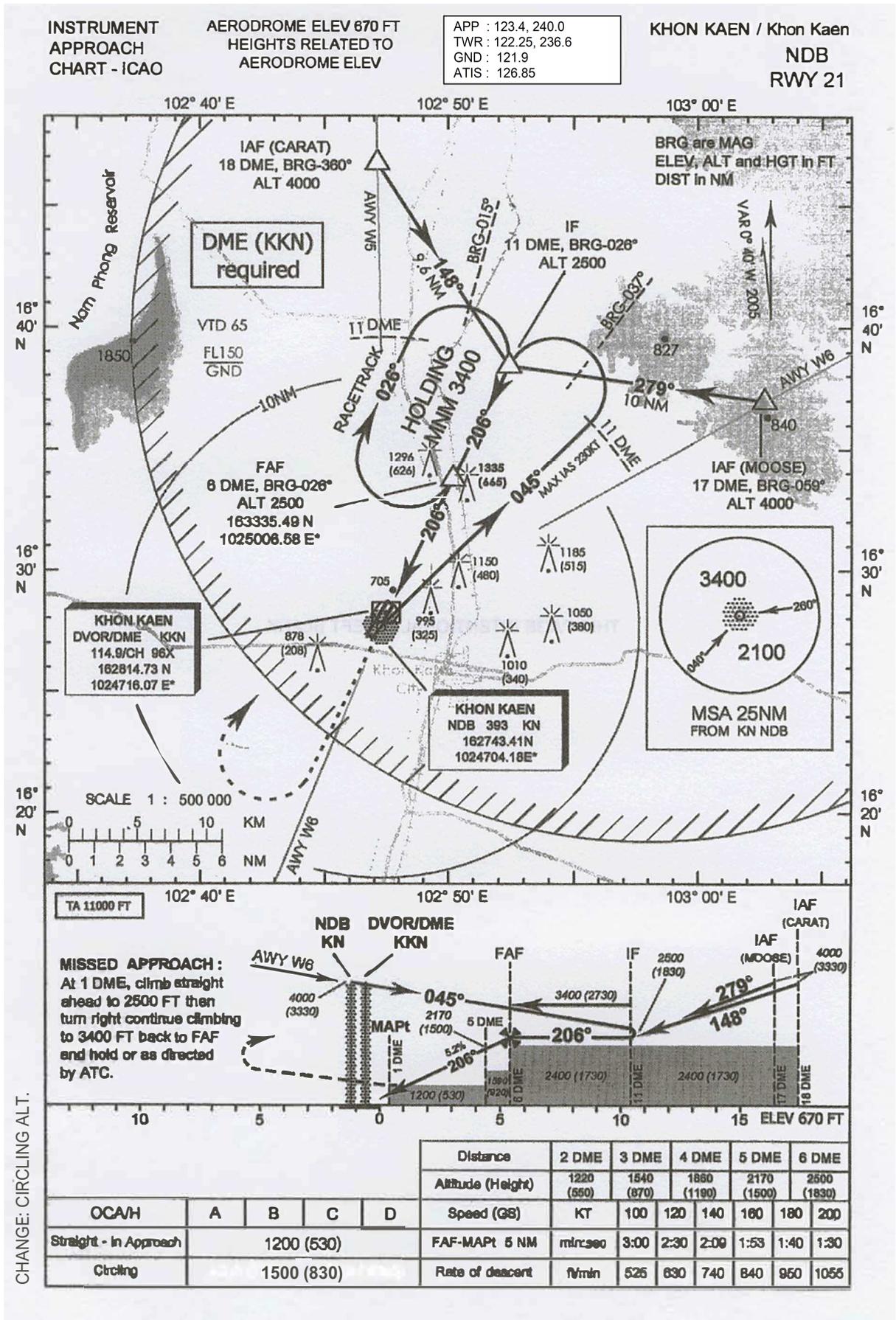
| RNAV RWY21 | |
|---------------------|------------------------------------|
| Waypoint Identifier | Coordinates |
| DER RWY21 | 16° 27' 22.26" N 102° 46' 36.04" E |
| AKRET | 16° 40' 16.00" N 103° 08' 55.51" E |
| ALGIT | 16° 52' 59.94" N 102° 46' 54.83" E |
| EMRUT | 16° 00' 19.64" N 102° 35' 33.26" E |
| LEKAM | 16° 13' 55.19" N 102° 56' 40.12" E |
| MOVMI | 16° 22' 18.49" N 102° 43' 13.03" E |
| NEMTE | 16° 03' 44.79" N 102° 29' 12.78" E |
| ONUVI | 16° 32' 28.21" N 102° 26' 55.02" E |
| OSRUS | 16° 34' 33.39" N 102° 42' 44.08" E |
| RIKVU | 16° 21' 20.39" N 103° 01' 38.23" E |
| SEBMI | 16° 26' 06.97" N 102° 37' 05.78" E |
| SEDNO | 16° 17' 33.31" N 103° 17' 07.18" E |
| UKMED | 16° 15' 44.50" N 103° 06' 53.56" E |

CHANGE: NEW CHART.

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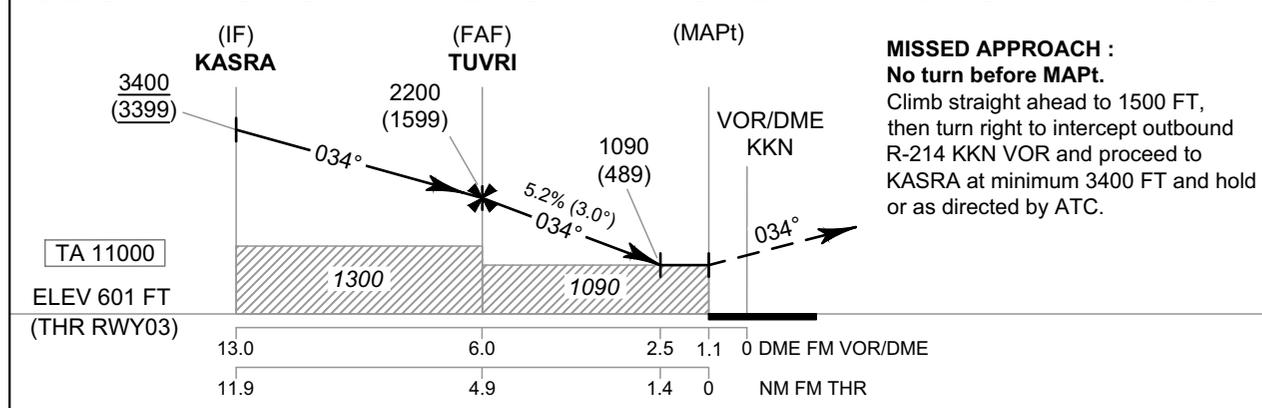
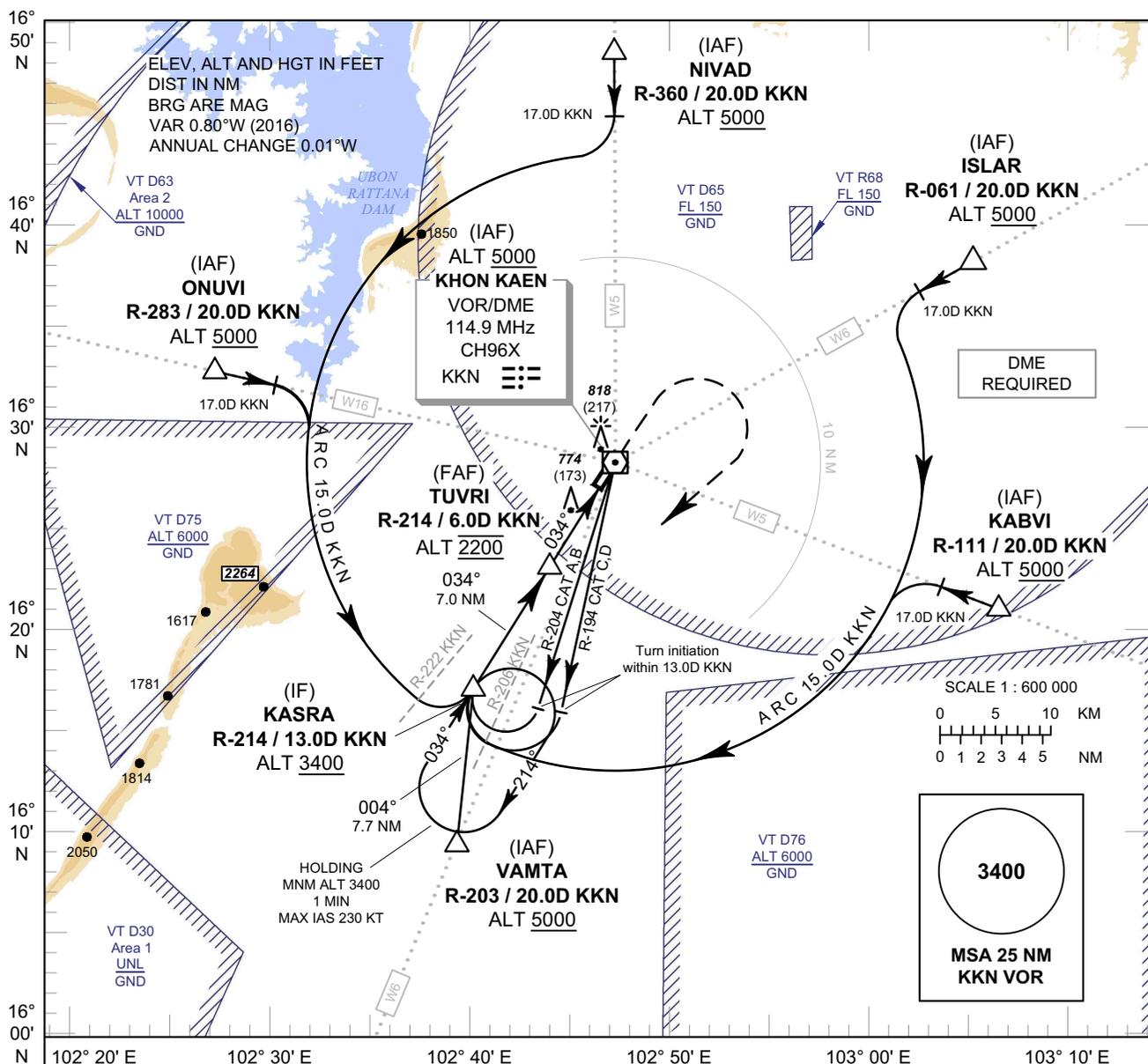
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**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY03 - ELEV 601 FT

APP : 123.4 , 240.0
TWR : 122.25 , 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)**
VOR RWY03



| OCA/H | A | B | C | D | Distance (KKN) | FAF | 5 D | 4 D | 3 D | 2.5 D | | |
|----------------------|------------|---|---|---|----------------------|-------------|-------------|------------|------------|------------|-----|-----|
| Straight-in Approach | 1090 (489) | | | | Altitude (Height) | 2200 (1599) | 1885 (1284) | 1565 (964) | 1250 (649) | 1090 (489) | | |
| | | | | | Ground Speed | knot | 70 | 90 | 100 | 120 | 140 | 160 |
| Circling (OCH AAL) | 1500 (830) | | | | Rate of Descent 5.2% | ft/min | 369 | 474 | 527 | 632 | 737 | 843 |

CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY03 - ELEV 601 FT**

**KHON KAEN /
Khon Kaen (VTUK)
VOR RWY03**

| Fix / Point | | Coordinates | |
|-----------------|-------------------|------------------|-------------------|
| (IAF) ISLAR | R-061 / 20.0D KKN | 16° 38' 15.95" N | 103° 05' 18.75" E |
| (IAF) KABVI | R-111 / 20.0D KKN | 16° 21' 16.12" N | 103° 06' 46.71" E |
| (IAF) NIVAD | R-360 / 20.0D KKN | 16° 48' 19.55" N | 102° 46' 59.27" E |
| (IAF) ONUVI | R-283 / 20.0D KKN | 16° 32' 28.21" N | 102° 26' 55.02" E |
| (IAF) VAMTA | R-203 / 20.0D KKN | 16° 09' 38.08" N | 102° 39' 27.17" E |
| (IF) KASRA | R-214 / 13.0D KKN | 16° 17' 18.69" N | 102° 39' 52.88" E |
| (FAF) TUVRI | R-214 / 6.0D KKN | 16° 23' 11.98" N | 102° 43' 51.41" E |
| (MAPt) UK903 | R-214 / 1.1D KKN | 16° 27' 20.26" N | 102° 46' 39.23" E |
| (IAF) VOR | KKN | 16° 28' 14.73" N | 102° 47' 16.07" E |

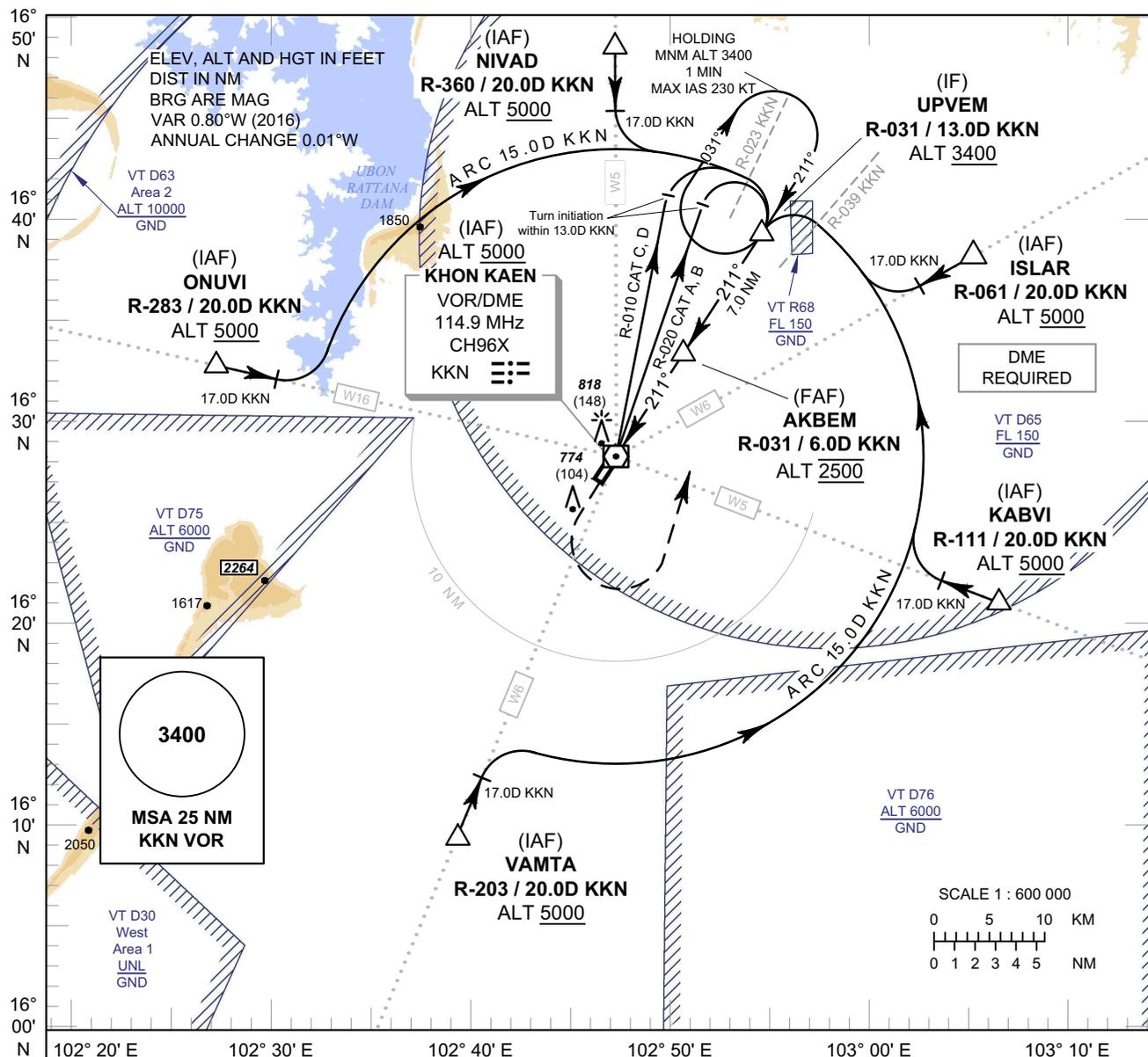
CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY21 - ELEV 670 FT**

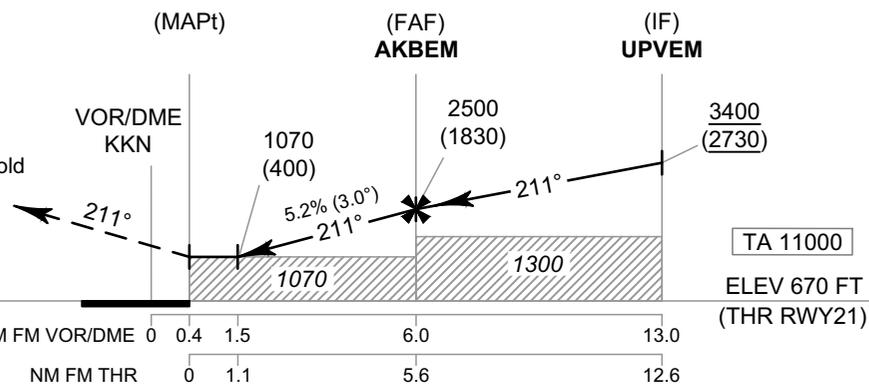
APP : 123.4 , 240.0
TWR : 122.25 , 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
VOR RWY21**



MISSED APPROACH :

No turn before MAPt.
Climb straight ahead to 1500 FT,
then turn left to intercept outbound
R-031 KKN VOR and proceed to
UPVEM at minimum 3400 FT and hold
or as directed by ATC.



| OCA/H | A | B | C | D | Distance (KKN) | 1.5 D | 2 D | 3 D | 4 D | 5 D | FAF | | |
|--------------------|------------|---|---|---|----------------------|------------|--------|-----|-----|-------------------|------------|------------|------------|
| | | | | | Straight-in Approach | 1070 (400) | | | | Altitude (Height) | 1070 (400) | 1225 (555) | 1540 (870) |
| Circling (OCH AAL) | 1500 (830) | | | | Rate of Descent | 5.2% | ft/min | 369 | 474 | 527 | 632 | 737 | 843 |

CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY21 - ELEV 670 FT**

**KHON KAEN /
Khon Kaen (VTUK)
VOR RWY21**

| FIX/POINT | | COORDINATES | |
|-----------------|-------------------|------------------|-------------------|
| (IAF) ISLAR | R-061 / 20.0D KKN | 16° 38' 15.95" N | 103° 05' 18.75" E |
| (IAF) KABVI | R-111 / 20.0D KKN | 16° 21' 16.12" N | 103° 06' 46.71" E |
| (IAF) VAMTA | R-203 / 20.0D KKN | 16° 09' 38.08" N | 102° 39' 27.17" E |
| (IAF) ONUVI | R-283 / 20.0D KKN | 16° 32' 28.21" N | 102° 26' 55.02" E |
| (IAF) NIVAD | R-360 / 20.0D KKN | 16° 48' 19.55" N | 102° 46' 59.27" E |
| (IF) UPVEM | R-031 / 13.0D KKN | 16° 39' 33.86" N | 102° 54' 00.59" E |
| (FAF) AKBEM | R-031 / 6.0D KKN | 16° 33' 28.20" N | 102° 50' 22.67" E |
| (MAPt) UK921 | R-031 / 0.4D KKN | 16° 28' 35.98" N | 102° 47' 28.71" E |
| (IAF) VOR | KKN | 16° 28' 14.73" N | 102° 47' 16.07" E |

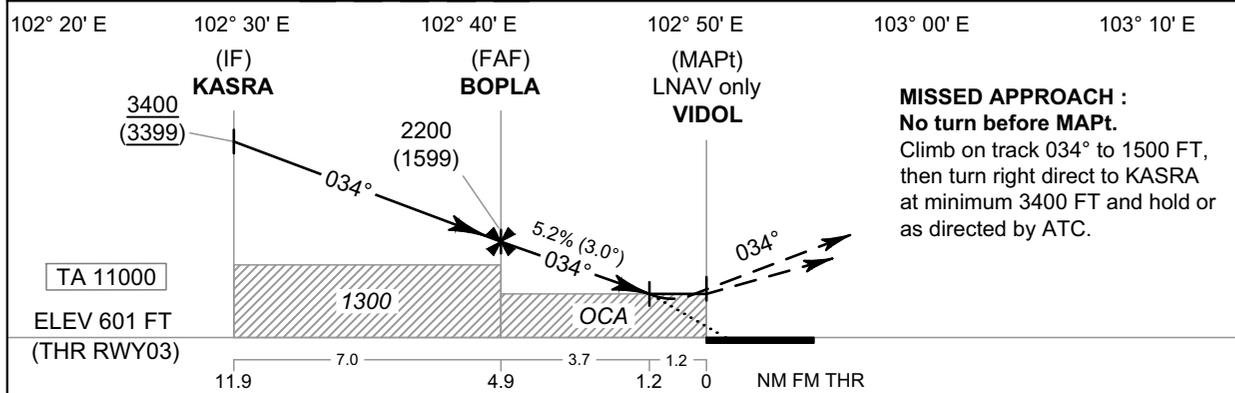
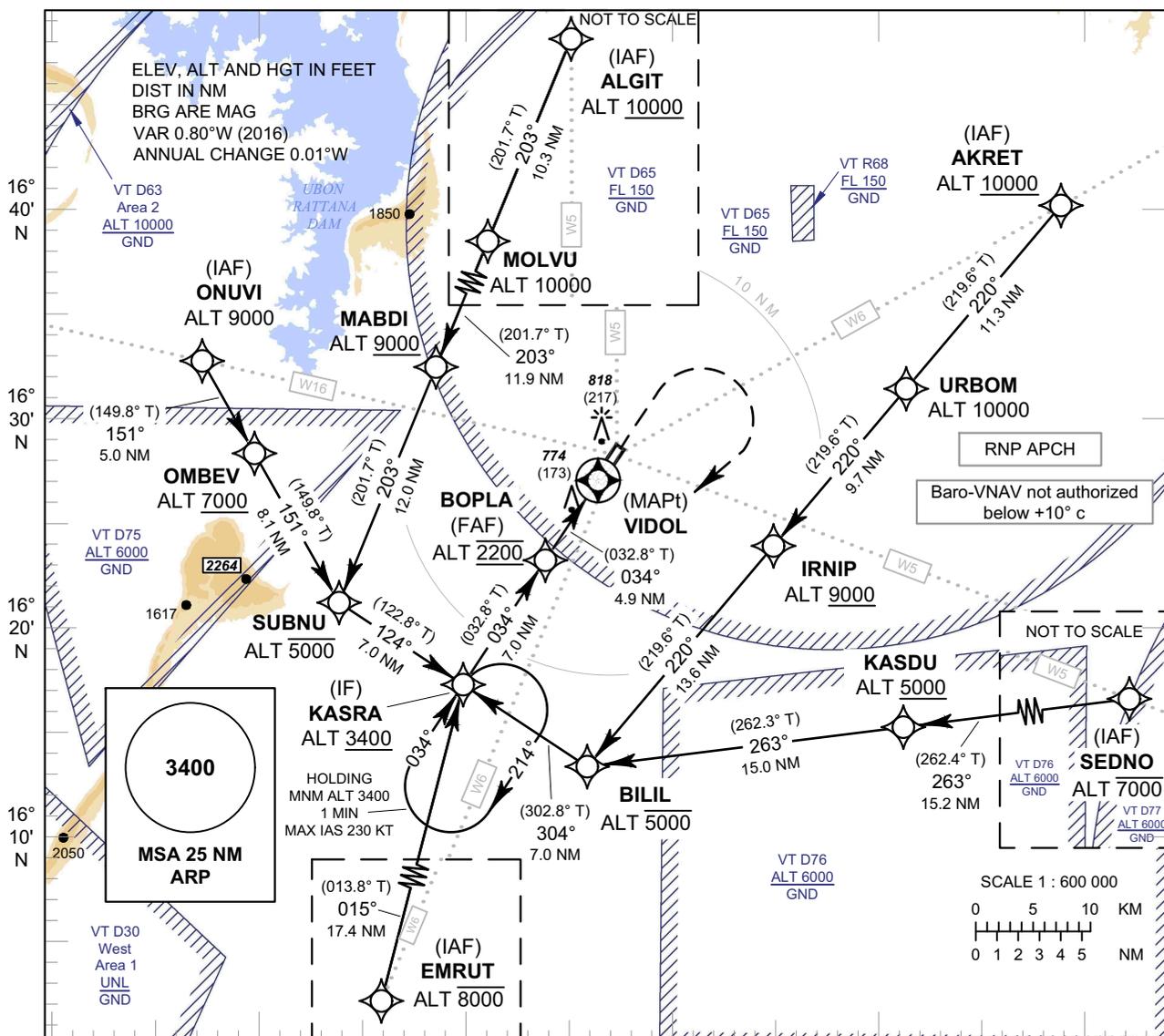
CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY03 - ELEV 601 FT**

APP : 123.4 , 240.0
TWR : 122.25 , 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
RNP RWY03**



MISSED APPROACH :
No turn before MAPt.
Climb on track 034° to 1500 FT,
then turn right direct to KASRA
at minimum 3400 FT and hold or
as directed by ATC.

| OCA/H | A | B | C | D | NM to NEXT WPT | FAF | 4 NM | 3 NM | 2 NM | 1.2NM | | |
|--------------------|------------|---|---|---|-------------------|-------------|-------------|------------|------------|------------|-----|-----|
| LNAV / VNAV | 960 (359) | | | | Altitude (Height) | 2200 (1599) | 1915 (1314) | 1600 (999) | 1280 (679) | 1030 (429) | | |
| LNAV | 1090 (489) | | | | Ground Speed | knot | 70 | 90 | 100 | 120 | 140 | 160 |
| Circling (OCH AAL) | 1500 (830) | | | | Rate of Descent | ft/min | 369 | 474 | 527 | 632 | 737 | 843 |

CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY03 - ELEV 601 FT**

**KHON KAEN /
Khon Kaen (VTUK)
RNP RWY03**

TABULAR DESCRIPTION

| RNP RWY03 | | | | | | | | | | | |
|---------------|-----------------|----------------------|---------|------------------|--------------------|---------------|----------------|---------------|------------|----------|--------------------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Flyover | Course ° M (° T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KT) | VPA/ TCH | Navigation Specification |
| 010 | IF | (IAF) AKRET | - | - | + 0.84 | - | - | +10000 | - | - | RNP APCH |
| 020 | TF | URBOM | - | 220°(219.6°) | + 0.84 | 11.3 | - | @10000 | - | - | RNP APCH |
| 030 | TF | IRNIP | - | 220°(219.6°) | + 0.84 | 9.7 | - | +9000 | - | - | RNP APCH |
| 040 | TF | BILIL | - | 220°(219.6°) | + 0.84 | 13.6 | - | -5000 | - | - | RNP APCH |
| 050 | TF | (IF) KASRA | - | 304°(302.8°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) SEDNO | - | - | + 0.84 | - | - | -7000 | - | - | RNP APCH |
| 020 | TF | KASDU | - | 263°(262.4°) | + 0.84 | 15.2 | - | +5000 | - | - | RNP APCH |
| 030 | TF | BILIL | - | 263°(262.3°) | + 0.84 | 15.0 | - | -5000 | - | - | RNP APCH |
| 040 | TF | (IF) KASRA | - | 304°(302.8°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) EMRUT | - | - | + 0.84 | - | - | -8000 | - | - | RNP APCH |
| 020 | TF | (IF) KASRA | - | 015°(013.8°) | + 0.84 | 17.4 | - | @3400 | - | - | RNP APCH |
| 010 | IF | (IAF) ONUVI | - | - | + 0.84 | - | - | @9000 | - | - | RNP APCH |
| 020 | TF | OMBEV | - | 151°(149.8°) | + 0.84 | 5 | - | + 7000 | - | - | RNP APCH |
| 030 | TF | SUBNU | - | 151°(149.8°) | + 0.84 | 8.1 | - | -5000 | - | - | RNP APCH |
| 040 | TF | (IF) KASRA | - | 124°(122.8°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) ALGIT | - | - | + 0.84 | - | - | +10000 | - | - | RNP APCH |
| 020 | TF | MOLVU | - | 203°(201.7°) | + 0.84 | 10.3 | - | @10000 | - | - | RNP APCH |
| 030 | TF | MABDI | - | 203°(201.7°) | + 0.84 | 11.9 | - | + 9000 | - | - | RNP APCH |
| 040 | TF | SUBNU | - | 203°(201.7°) | + 0.84 | 12.0 | - | -5000 | - | - | RNP APCH |
| 050 | TF | (IF) KASRA | - | 124°(122.8°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IF) KASRA | - | - | + 0.84 | - | - | +3400 | - | - | RNP APCH |
| 020 | TF | (FAF) BOPLA | - | 034°(032.8°) | + 0.84 | 7.0 | - | @2200 | - | - | RNP APCH |
| 030 | TF | (MAPt @ THR03) VIDOL | Y | 034°(032.8°) | + 0.84 | 4.9 | - | @651 | - | -3.0/50 | RNP APCH |
| 040 | CA | - | - | - | + 0.84 | - | - | +1500 | - | - | RNP APCH |
| 050 | DF | (IF) KASRA | - | 034°(032.8°) | + 0.84 | - | R | +3400 | - | - | RNP APCH |
| 060 | HM | (IF) KASRA | Y | 034°(032.8°) | + 0.84 | 1 minute | R | +3400 | - | - | RNP APCH |

CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY03 - ELEV 601 FT**

**KHON KAEN /
Khon Kaen (VTUK)
RNP RWY03**

WAYPOINT LIST

| RNP RWY03 | |
|---------------------|------------------------------------|
| Waypoint Identifier | Coordinates |
| AKRET | 16° 40' 16.00" N 103° 08' 55.51" E |
| ALGIT | 16° 52' 59.94" N 102° 46' 54.83" E |
| BILIL | 16° 13' 30.10" N 102° 45' 59.70" E |
| BOPLA | 16° 23' 14.18" N 102° 43' 50.23" E |
| EMRUT | 16° 00' 19.64" N 102° 35' 33.26" E |
| IRNIP | 16° 24' 01.90" N 102° 55' 00.02" E |
| KASDU | 16° 15' 31.42" N 103° 01' 26.79" E |
| KASRA | 16° 17' 18.69" N 102° 39' 52.88" E |
| MABDI | 16° 32' 18.99" N 102° 38' 22.37" E |
| MOLVU | 16° 43' 23.43" N 102° 42' 56.51" E |
| OMBEV | 16° 28' 07.88" N 102° 29' 32.12" E |
| ONUVI | 16° 32' 28.21" N 102° 26' 55.02" E |
| SEDNO | 16° 17' 33.31" N 103° 17' 07.18" E |
| SUBNU | 16° 21' 07.11" N 102° 33' 45.75" E |
| URBOM | 16° 31' 31.58" N 103° 01' 25.31" E |
| VIDOL | 16° 27' 22.26" N 102° 46' 36.04" E |

CHANGE: NEW CHART.

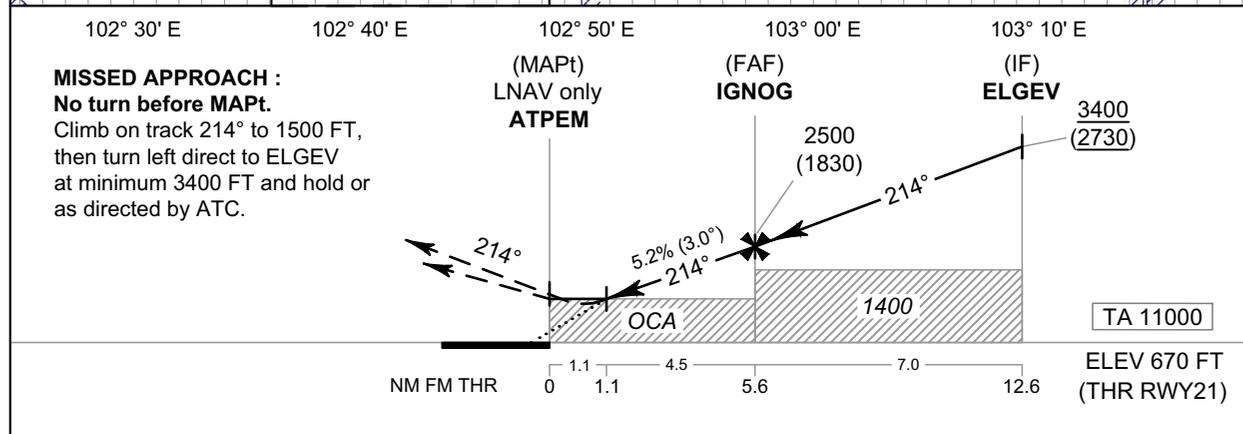
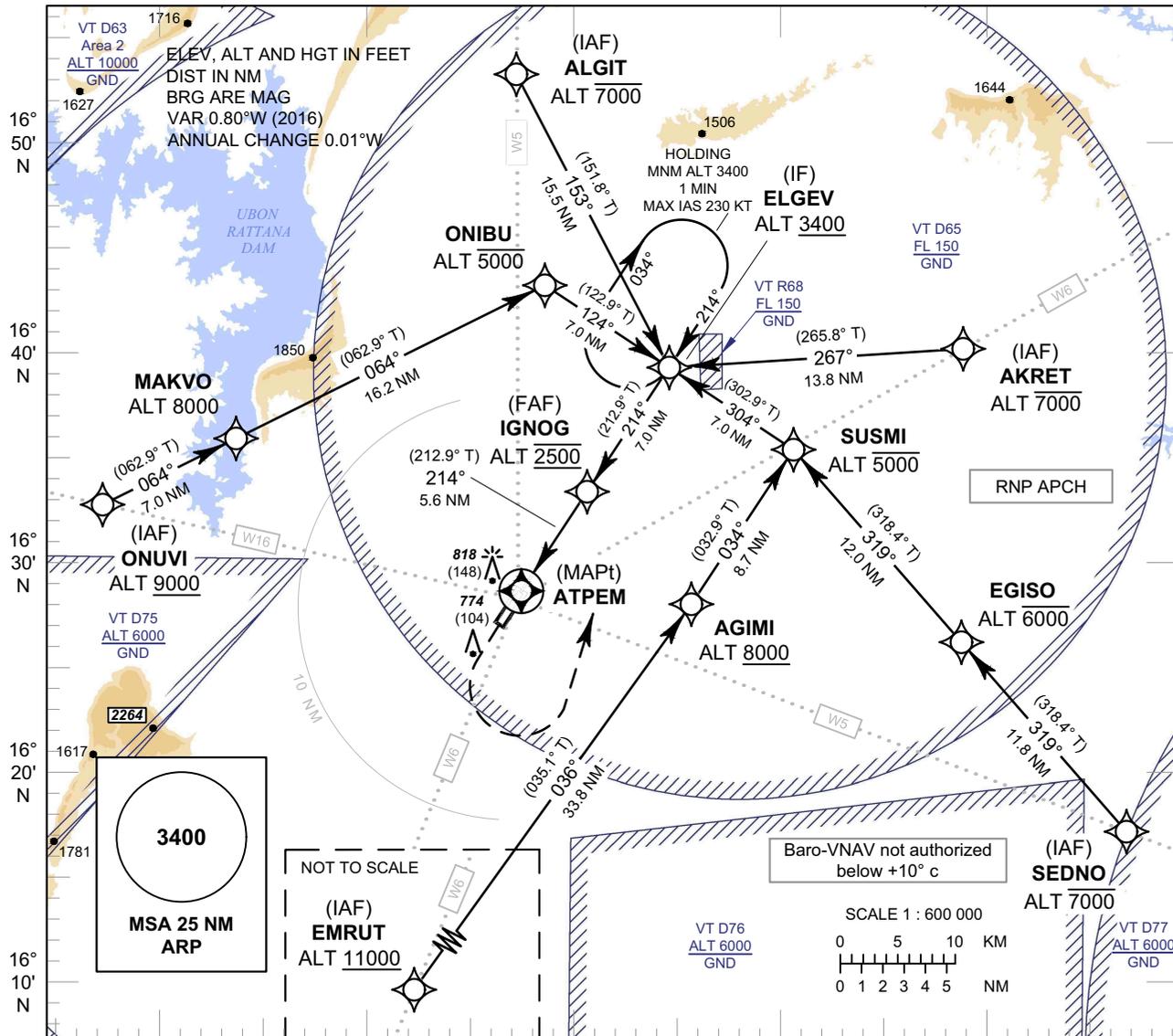
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**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY21 - ELEV 670 FT**

APP : 123.4 , 240.0
TWR : 122.25 , 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
RNP RWY21**



CHANGE: REVISED CHART.

| OCA/H | A | B | C | D | NM to NEXT WPT | 1.1 NM | 2 NM | 3 NM | 4 NM | 5 NM | FAF | |
|--------------------|------------|---|---|---|-------------------|------------|------------|------------|-------------|-------------|-------------|-----|
| LNAV / VNAV | 1000 (330) | | | | Altitude (Height) | 1070 (400) | 1350 (680) | 1665 (995) | 1985 (1315) | 2300 (1630) | 2500 (1830) | |
| LNAV | 1070 (400) | | | | Ground Speed | knot | 70 | 90 | 100 | 120 | 140 | 160 |
| Circling (OCH AAL) | 1500 (830) | | | | Rate of Descent | ft/min | 369 | 474 | 527 | 632 | 737 | 843 |

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY21 - ELEV 670 FT**

**KHON KAEN /
Khon Kaen (VTUK)
RNP RWY21**

TABULAR DESCRIPTION

| RNP RWY21 | | | | | | | | | | | |
|---------------|-----------------|----------------------|---------|------------------|--------------------|---------------|----------------|---------------|------------|----------|--------------------------|
| Serial Number | Path Descriptor | Waypoint Identifier | Flyover | Course ° M (° T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KT) | VPA/ TCH | Navigation Specification |
| 010 | IF | (IAF) EMRUT | - | - | + 0.84 | - | - | +11000 | - | - | RNP APCH |
| 020 | TF | AGIMI | - | 036°(035.1°) | + 0.84 | 33.8 | - | +8000 | - | - | RNP APCH |
| 030 | TF | SUSMI | - | 034°(032.9°) | + 0.84 | 8.7 | - | -5000 | - | - | RNP APCH |
| 040 | TF | (IF) ELGEV | - | 304°(302.9°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) SEDNO | - | - | + 0.84 | - | - | -7000 | - | - | RNP APCH |
| 020 | TF | EGISO | - | 319°(318.4°) | + 0.84 | 11.8 | - | -6000 | - | - | RNP APCH |
| 030 | TF | SUSMI | - | 319°(318.4°) | + 0.84 | 12.0 | - | -5000 | - | - | RNP APCH |
| 040 | TF | (IF) ELGEV | - | 304°(302.9°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) AKRET | - | - | + 0.84 | - | - | -7000 | - | - | RNP APCH |
| 020 | TF | (IF) ELGEV | - | 267°(265.8°) | + 0.84 | 13.8 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) ALGIT | - | - | + 0.84 | - | - | -7000 | - | - | RNP APCH |
| 020 | TF | (IF) ELGEV | - | 153°(151.8°) | + 0.84 | 15.5 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IAF) ONUVI | - | - | + 0.84 | - | - | +9000 | - | - | RNP APCH |
| 020 | TF | MAKVO | - | 064°(064.9°) | + 0.84 | 7.0 | - | @8000 | - | - | RNP APCH |
| 030 | TF | ONIBU | - | 064°(062.9°) | + 0.84 | 16.2 | - | -5000 | - | - | RNP APCH |
| 040 | TF | (IF) ELGEV | - | 124°(122.9°) | + 0.84 | 7.0 | - | +3400 | - | - | RNP APCH |
| 010 | IF | (IF) ELGEV | - | - | + 0.84 | - | - | +3400 | - | - | RNP APCH |
| 020 | TF | (FAF) IGNOG | - | 214°(212.9°) | + 0.84 | 7.0 | - | @2500 | - | - | RNP APCH |
| 030 | TF | (MAPt @ THR21) ATPEM | Y | 214°(212.9°) | + 0.84 | 5.6 | - | @720 | - | -3.0/50 | RNP APCH |
| 040 | CA | - | - | - | + 0.84 | - | - | +1500 | - | - | RNP APCH |
| 050 | DF | (IF) ELGEV | - | 214°(212.9°) | + 0.84 | - | L | +3400 | - | - | RNP APCH |
| 060 | HM | (IF) ELGEV | Y | 214°(212.9°) | + 0.84 | 1 minute | R | +3400 | - | - | RNP APCH |

CHANGE: REVISED CHART.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
THR RWY21 - ELEV 670 FT**

**KHON KAEN /
Khon Kaen (VTUK)
RNP RWY21**

WAYPOINT LIST

| RNP RWY21 | |
|---------------------|------------------------------------|
| Waypoint Identifier | Coordinates |
| AGIMI | 16° 28' 05.65" N 102° 55' 45.34" E |
| AKRET | 16° 40' 16.00" N 103° 08' 55.51" E |
| ALGIT | 16° 52' 59.94" N 102° 46' 54.83" E |
| ATPEM | 16° 28' 37.46" N 102° 47' 26.33" E |
| EGISO | 16° 26' 25.36" N 103° 08' 58.18" E |
| ELGEV | 16° 39' 14.85" N 102° 54' 33.11" E |
| EMRUT | 16° 00' 19.64" N 102° 35' 33.26" E |
| IGNOG | 16° 33' 20.92" N 102° 50' 36.01" E |
| MAKVO | 16° 35' 40.27" N 102° 33' 24.33" E |
| ONIBU | 16° 43' 03.71" N 102° 48' 25.59" E |
| ONUVI | 16° 32' 28.21" N 102° 26' 55.02" E |
| SEDNO | 16° 17' 33.31" N 103° 17' 07.18" E |
| SUSMI | 16° 35' 25.80" N 103° 00' 40.39" E |

CHANGE: NEW CHART.

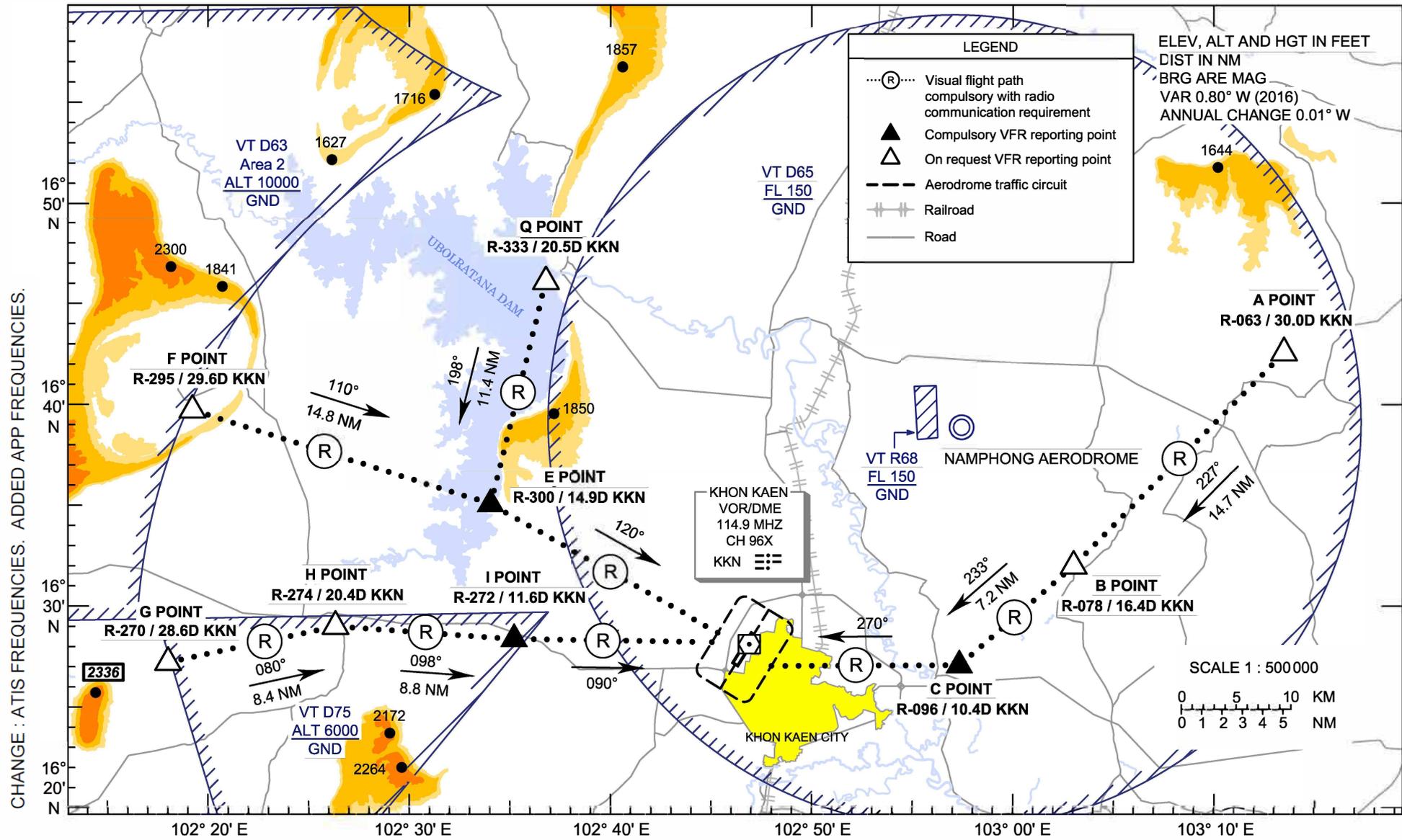
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**VFR ENTRY
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

APP : 123.4, 240.0
TWR : 122.25, 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
RWY03/21
(NORTH)**



**VFR ENTRY
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

**KHON KAEN /
Khon Kaen (VTUK)
RWY03/21
(NORTH)**

ARR-RWY03/21 (From North)

Inbound via Q POINT then heading 198° to E POINT and heading 120° to over aerodrome. Join aerodrome traffic circuit when directed by ATC.

ARR-RWY03/21 (From North-West)

Inbound via F POINT then heading 110° to E POINT and heading 120° to over aerodrome. Join aerodrome traffic circuit when directed by ATC.

ARR-RWY03/21 (From West)

Inbound via G POINT then heading 080° to H POINT, heading 098° to I POINT, and heading 090° to over aerodrome. Join aerodrome traffic circuit when directed by ATC.

ARR-RWY03/21 (From North-East)

Inbound via A POINT with recommended altitude at or above 2000 ft then heading 227° to B POINT, heading 233° to C POINT, and heading 270° to over aerodrome. Join aerodrome traffic circuit when directed by ATC.

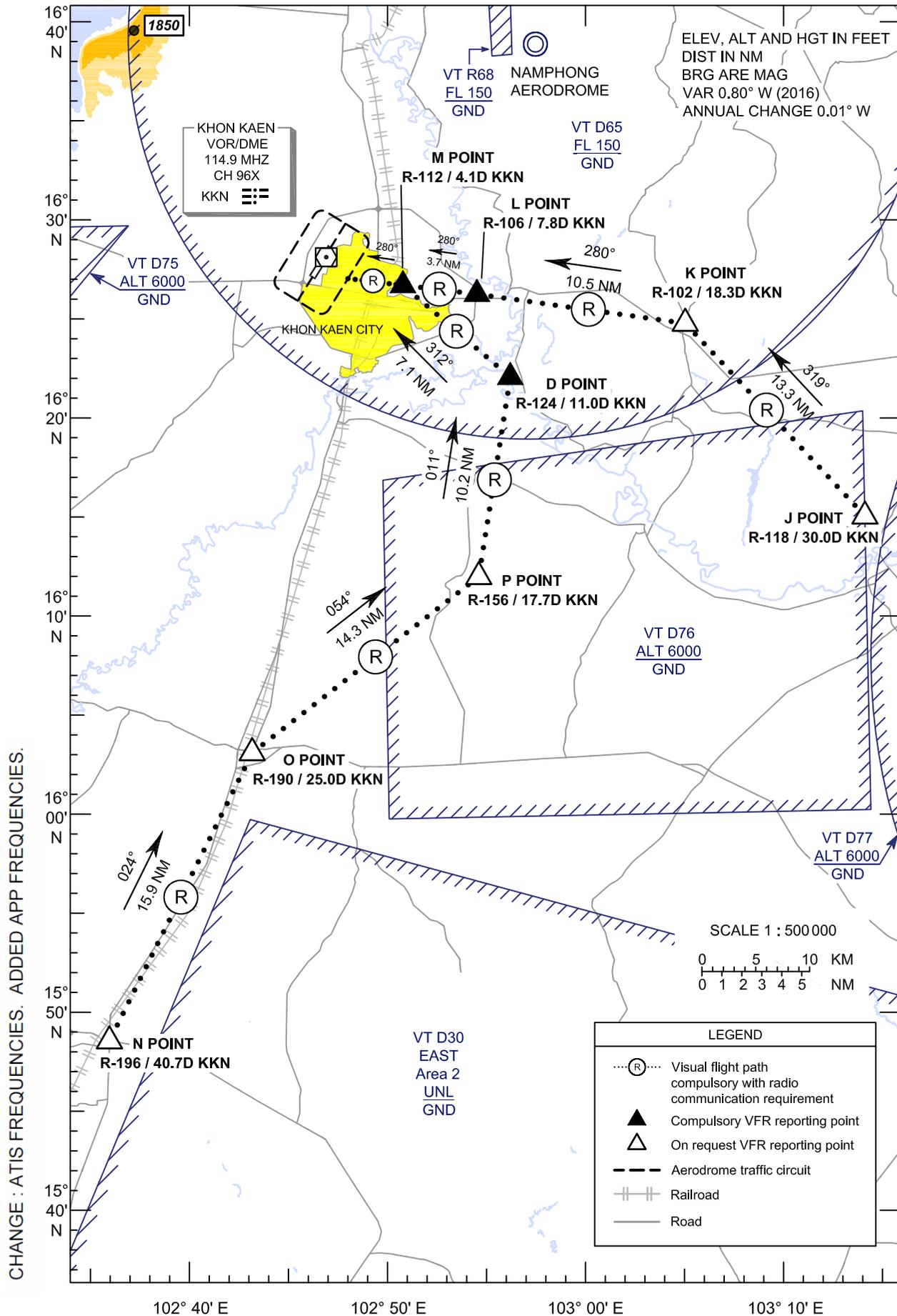
| Reporting points | Landmark | Radial / DME from KKN VOR | Coordinates | |
|-------------------------|-----------------------------------|------------------------------|------------------|-------------------|
| | | | Latitude | Longitude |
| "A" or ALPHA Point | Ban Nong Chum Sang Temple | R-063 / 30.0D | 16° 42' 06.00" N | 103° 14' 58.00" E |
| "B" or BRAVO Point | Sam Sung Police Station | R-078 / 16.4D | 16° 31' 47.02" N | 103° 03' 58.55" E |
| "C" or CHARLIE Point | White Pagoda | R-096 / 10.4D | 16° 27' 19.00" N | 102° 58' 03.40" E |
| "E" or ECHO Point | Sa Wang Cherng Khao Temple | R-300 / 14.9D | 16° 35' 27.07" N | 102° 33' 41.30" E |
| "F" or FOXTROT Point | Phu Wiang Hill | R-295 / 29.6D | 16° 40' 20.37" N | 102° 19' 07.91" E |
| "G" or GOLF Point | Ei San Temple (Road Intersection) | R-270 / 28.6D | 16° 27' 51.90" N | 102° 17' 29.80" E |
| "H" or HOTEL Point | Nhong Reua (Road Intersection) | R-274 / 20.4D | 16° 29' 29.60" N | 102° 26' 06.20" E |
| "I" or INDIA Point | Khon Kaen 4 Power Plant | R-272 / 11.6D | 16° 28' 26.70" N | 102° 35' 12.40" E |
| "Q" or QUEBEC Point | Au Bon Rat Dam | R-333 / 20.5D | 16° 46' 20.20" N | 102° 37' 11.90" E |
| KHON KAEN VOR/DME (KKN) | KHON KAEN VOR/DME Station | - | 16° 28' 14.73" N | 102° 47' 16.07" E |

CHANGE: NEW CHART.

VFR ENTRY PROCEDURE CHART
AERODROME ELEV 670 FT
HEIGHTS RELATED TO AERODROME ELEV

APP : 123.4, 240.0
TWR : 122.25, 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
RWY03/21
(SOUTH)**



**VFR ENTRY
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

**KHON KAEN /
Khon Kaen (VTUK)
RWY03/21
(SOUTH)**

ARR-RWY03/21 (From East)

Inbound via J POINT then heading 319° to K POINT, heading 280° to L POINT, heading 280° to M POINT, and heading 280° to over aerodrome. Join aerodrome traffic circuit when directed by ATC.

ARR-RWY03/21 (From South)

Inbound via N POINT then heading 024° to O POINT, heading 054° to P POINT, heading 011° to D POINT, heading 312° to M POINT, and heading 280° to over aerodrome. Join aerodrome traffic circuit when directed by ATC.

| Reporting points | Landmark | Radial / DME from KKN VOR | Coordinates | |
|----------------------------|---------------------------------|------------------------------|------------------|-------------------|
| | | | Latitude | Longitude |
| "D" or DELTA Point | Wang Yang Weir | R-124 / 11.0D | 16° 22' 07.00" N | 102° 56' 50.60" E |
| "J" or JULIETT Point | Ma Ha Sa Ra Kham University | R-118 / 30.0D | 16° 14' 33.17" N | 103° 15' 03.57" E |
| "K" or KILO Point | Chiang Yeun | R-102 / 18.3D | 16° 24' 35.30" N | 103° 05' 53.00" E |
| "L" or LIMA Point | Bridge | R-106 / 7.8D | 16° 26' 13.03" N | 102° 55' 04.32" E |
| "M" or MIKE Point | Beung Thung Sang Park | R-112 / 4.1D | 16° 26' 47.42" N | 102° 51' 15.09" E |
| "N" or NOVEMBER Point | Mueang Pol | R-196 / 40.7D | 15° 48' 44.90" N | 102° 36' 26.90" E |
| "O" or OSCAR Point | Ban Phai (Road Intersection) | R-190 / 25.0D | 16° 03' 27.30" N | 102° 42' 57.50" E |
| "P" or PAPA Point | Khon Sak Creek | R-156 / 17.7D | 16° 12' 04.70" N | 102° 54' 53.80" E |
| KHON KAEN VOR/DME (KKN) | KHON KAEN VOR/DME Station | - | 16° 28' 14.73" N | 102° 47' 16.07" E |

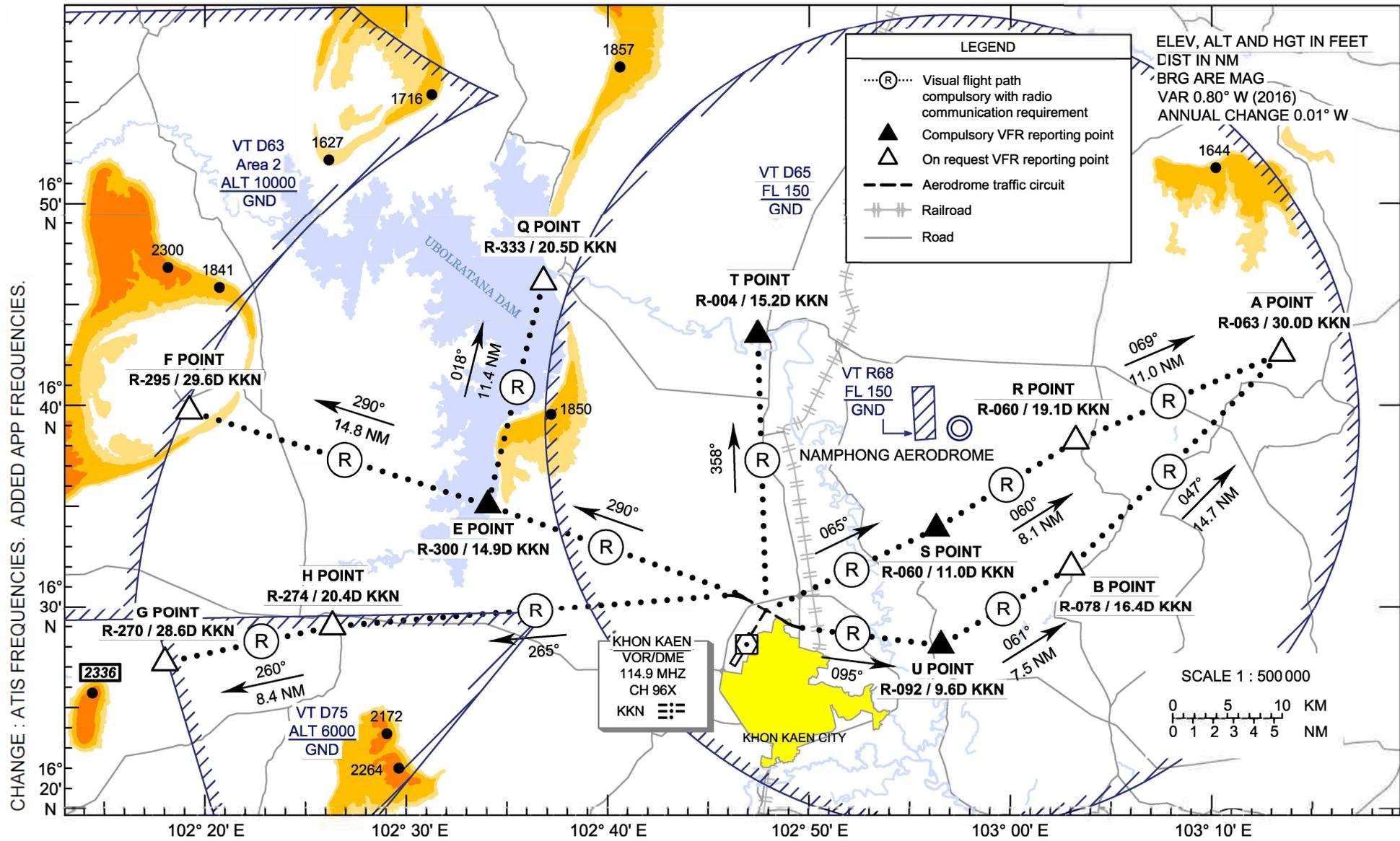
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**VFR EXIT
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

APP : 123.4, 240.0
TWR : 122.25, 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
RWY03
(NORTH)**



**VFR EXIT
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

**KHON KAEN /
Khon Kaen (VTUK)
RWY03
(NORTH)**

DEP-RWY03 (North)

After departure climb to altitude 500 ft then heading 358° to T POINT.

DEP-RWY03 (North)

After departure turn left proceed westbound (heading 300°) until 2.5 DME then heading 290° to E POINT, and heading 018° to Q POINT.

DEP-RWY03 (North-East)

After departure turn right proceed eastbound (heading 120°) until 2.5 DME then heading 095° to U POINT, heading 061° to B POINT, and heading 047° to A POINT with recommended altitude at or above 2000 ft.

DEP-RWY03 (North-East)

After departure climb to altitude 500 ft then heading 065° to S POINT, heading 060° to R POINT, and heading 069° to A POINT with recommended altitude at or above 2000 ft.

DEP-RWY03 (North-West)

After departure turn left proceed westbound (heading 300°) until 2.5 DME then heading 290° to E POINT, and heading 290° to F POINT.

DEP-RWY03 (West)

After departure turn left proceed westbound (heading 300°) until 2.5 DME then heading 265° to H POINT, and heading 260° to G POINT.

| Reporting points | Landmark | Radial / DME from KKN VOR | Coordinates | |
|-------------------------|-----------------------------------|------------------------------|------------------|-------------------|
| | | | Latitude | Longitude |
| "A" or ALPHA Point | Ban Nong Chum Sang Temple | R-063 / 30.0D | 16° 42' 06.00" N | 103° 14' 58.00" E |
| "B" or BRAVO Point | Sam Sung Police Station | R-078 / 16.4D | 16° 31' 47.02" N | 103° 03' 58.55" E |
| "E" or ECHO Point | Sa Wang Cherng Khao Temple | R-300 / 14.9D | 16° 35' 27.07" N | 102° 33' 41.30" E |
| "F" or FOXTROT Point | Phu Wiang Hill | R-295 / 29.6D | 16° 40' 20.37" N | 102° 19' 07.91" E |
| "G" or GOLF Point | Ei San Temple (Road Intersection) | R-270 / 28.6D | 16° 27' 51.90" N | 102° 17' 29.80" E |
| "H" or HOTEL Point | Nhong Reua (Road Intersection) | R-274 / 20.4D | 16° 29' 29.60" N | 102° 26' 06.20" E |
| "Q" or QUEBEC Point | Au Bon Rat Dam | R-333 / 20.5D | 16° 46' 20.20" N | 102° 37' 11.90" E |
| "U" or UNIFORM Point | Pho Tha Ram Temple | R-092 / 9.6D | 16° 28' 01.00" N | 102° 57' 13.00" E |
| "R" or ROMEO Point | Nhong Krung Yai Village | R-060 / 19.1D | 16° 37' 59.60" N | 103° 04' 19.60" E |
| "S" or SIERRA Point | Phra That Kham Kaen | R-060 / 11.0D | 16° 33' 49.00" N | 102° 57' 06.00" E |
| "T" or TANGO Point | Bridge | R-004 / 15.2D | 16° 43' 31.00" N | 102° 48' 09.00" E |
| KHON KAEN VOR/DME (KKN) | KHON KAEN VOR/DME Station | - | 16° 28' 14.73" N | 102° 47' 16.07" E |

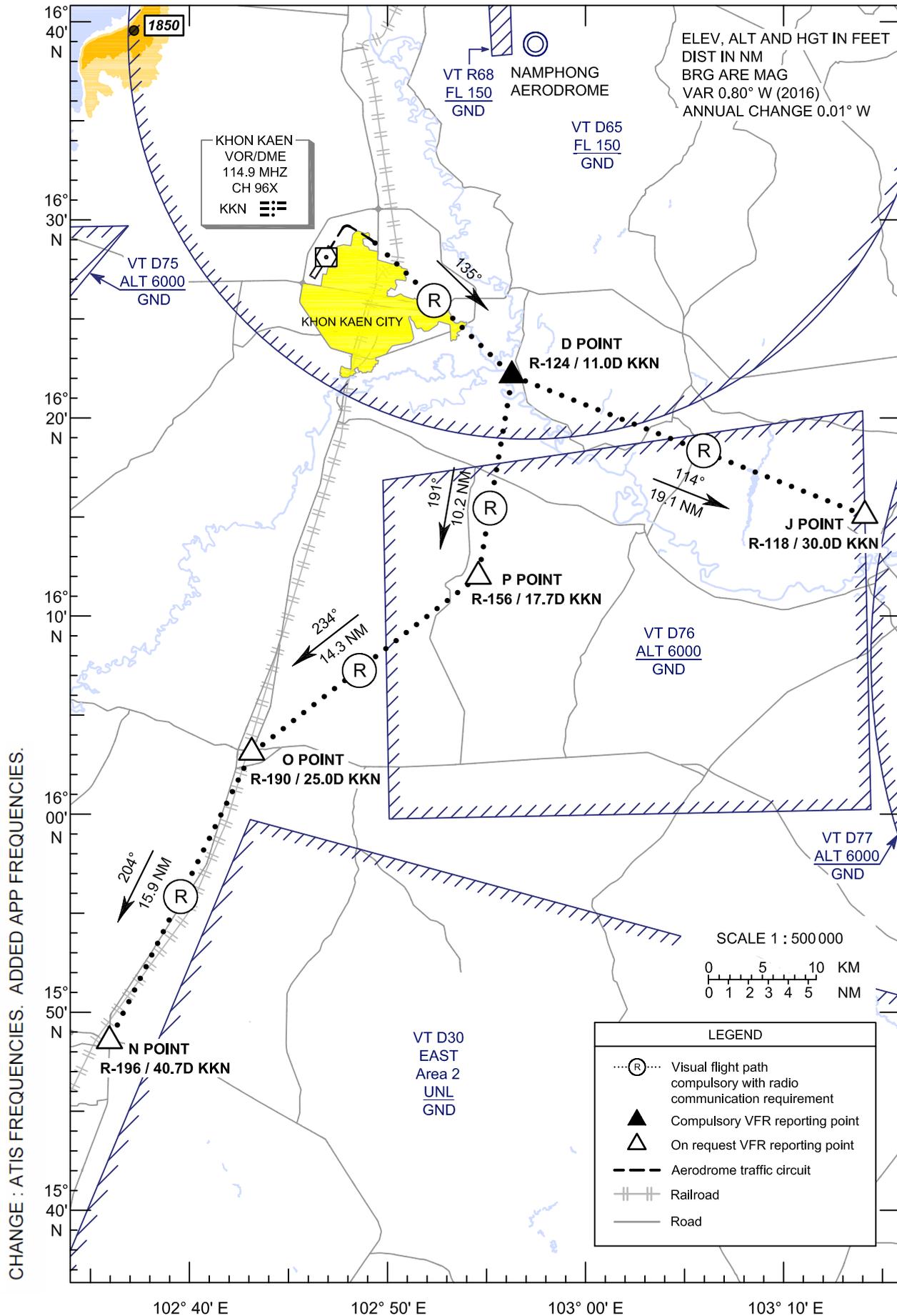
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**VFR EXIT
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

APP : 123.4, 240.0
TWR : 122.25, 236.6
GND : 121.9
ATIS : 126.85

**KHON KAEN /
Khon Kaen (VTUK)
RWY03
(SOUTH)**



**VFR EXIT
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

**KHON KAEN /
Khon Kaen (VTUK)
RWY03
(SOUTH)**

DEP-RWY03 (South-East)

After departure turn right proceed eastbound (heading 120°) until 2.5 DME then heading 135° to D POINT, and heading 114° to J POINT.

DEP-RWY03 (South)

After departure turn right proceed eastbound (heading 120°) until 2.5 DME then heading 135° to D POINT, heading 191° to P POINT, heading 234° to O POINT, and heading 204° to N POINT.

| Reporting points | Landmark | Radial / DME from KKN VOR | Coordinates | |
|----------------------------|---------------------------------|------------------------------|------------------|-------------------|
| | | | Latitude | Longitude |
| "D" or DELTA Point | Wang Yang Weir | R-124 / 11.0D | 16° 22' 07.00" N | 102° 56' 50.60" E |
| "J" or JULIETT Point | Ma Ha Sa Ra Kham University | R-118 / 30.0D | 16° 14' 33.17" N | 103° 15' 03.57" E |
| "N" or NOVEMBER Point | Mueang Pol | R-196 / 40.7D | 15° 48' 44.90" N | 102° 36' 26.90" E |
| "O" or OSCAR Point | Ban Phai (Road Intersection) | R-190 / 25.0D | 16° 03' 27.30" N | 102° 42' 57.50" E |
| "P" or PAPA Point | Khon Sak Creek | R-156 / 17.7D | 16° 12' 04.70" N | 102° 54' 53.80" E |
| KHON KAEN VOR/DME (KKN) | KHON KAEN VOR/DME Station | - | 16° 28' 14.73" N | 102° 47' 16.07" E |

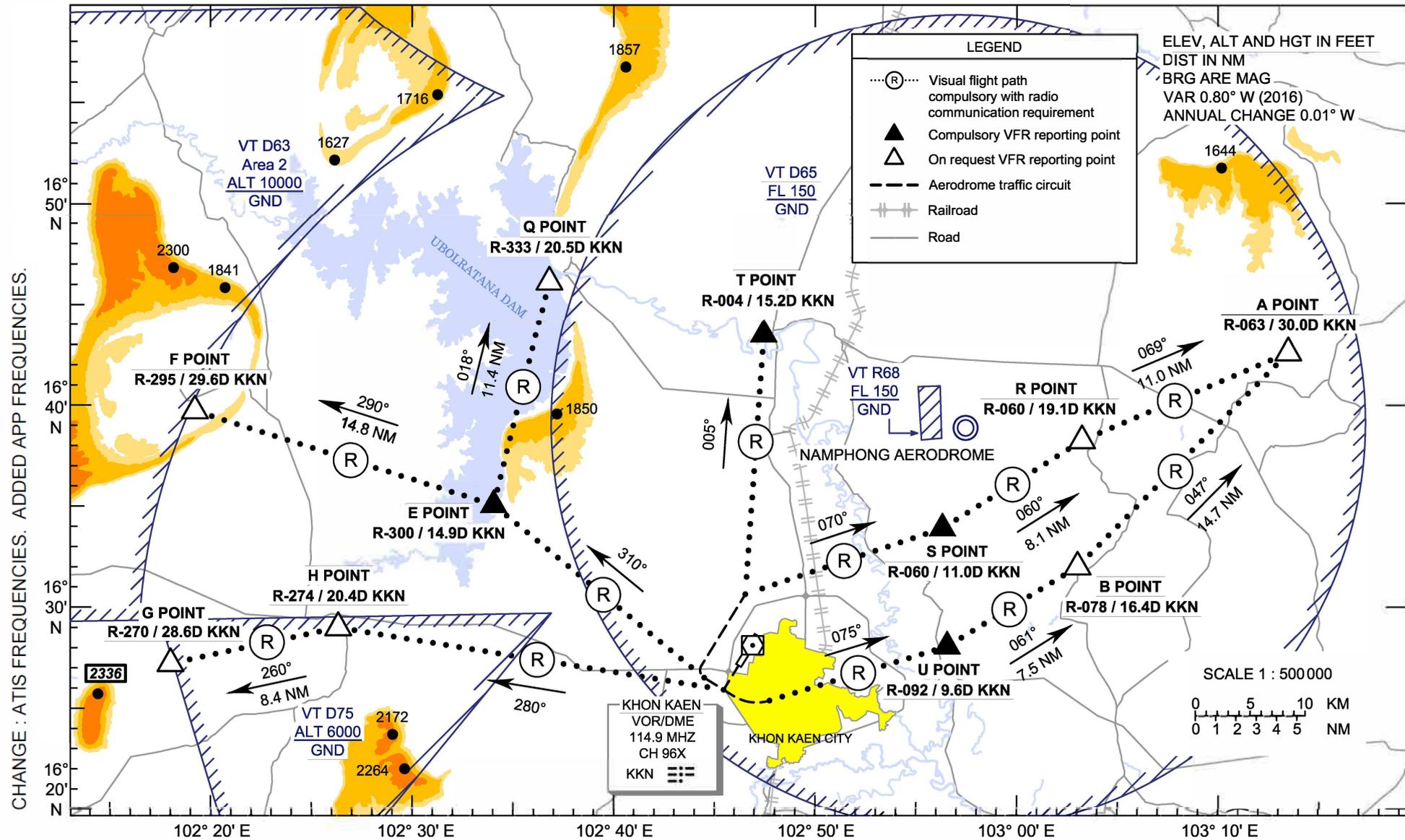
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**VFR EXIT
PROCEDURE
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AERODROME ELEV 670 FT
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**KHON KAEN /
Khon Kaen (VTUK)
RWY21
(NORTH)**



**VFR EXIT
PROCEDURE
CHART**

AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV

**KHON KAEN /
Khon Kaen (VTUK)
RWY21
(NORTH)**

DEP-RWY21 (North)

After departure turn right proceed westbound (heading 300°) until 2.5 DME then turn right to join right downwind then heading 005° to T POINT.

DEP-RWY21 (North)

After departure turn right proceed westbound (heading 300°) until 2.5 DME then heading 310° to E POINT, and heading 018° to Q POINT.

DEP-RWY21 (North-East)

After departure turn left proceed eastbound (heading 120°) until 2.5 DME then heading 075° to U POINT, heading 061° to B POINT, and heading 047° to A POINT with recommended altitude at or above 2000 ft.

DEP-RWY21 (North-East)

After departure turn right proceed westbound (heading 300°) until 2.5 DME then turn right to join right downwind then heading 070° to S POINT, heading 060° to R POINT, and heading 069° to A POINT with recommended altitude at or above 2000 ft.

DEP-RWY21 (North-West)

After departure turn right proceed westbound (heading 300°) until 2.5 DME then heading 310° to E POINT, and heading 290° to F POINT.

DEP-RWY21 (West)

After departure climb to altitude 500 ft then heading 280° to H POINT, and heading 260° to G POINT.

| Reporting points | Landmark | Radial / DME from KKN VOR | Coordinates | |
|-------------------------|-----------------------------------|------------------------------|------------------|-------------------|
| | | | Latitude | Longitude |
| "A" or ALPHA Point | Ban Nong Chum Sang Temple | R-063 / 30.0D | 16° 42' 06.00" N | 103° 14' 58.00" E |
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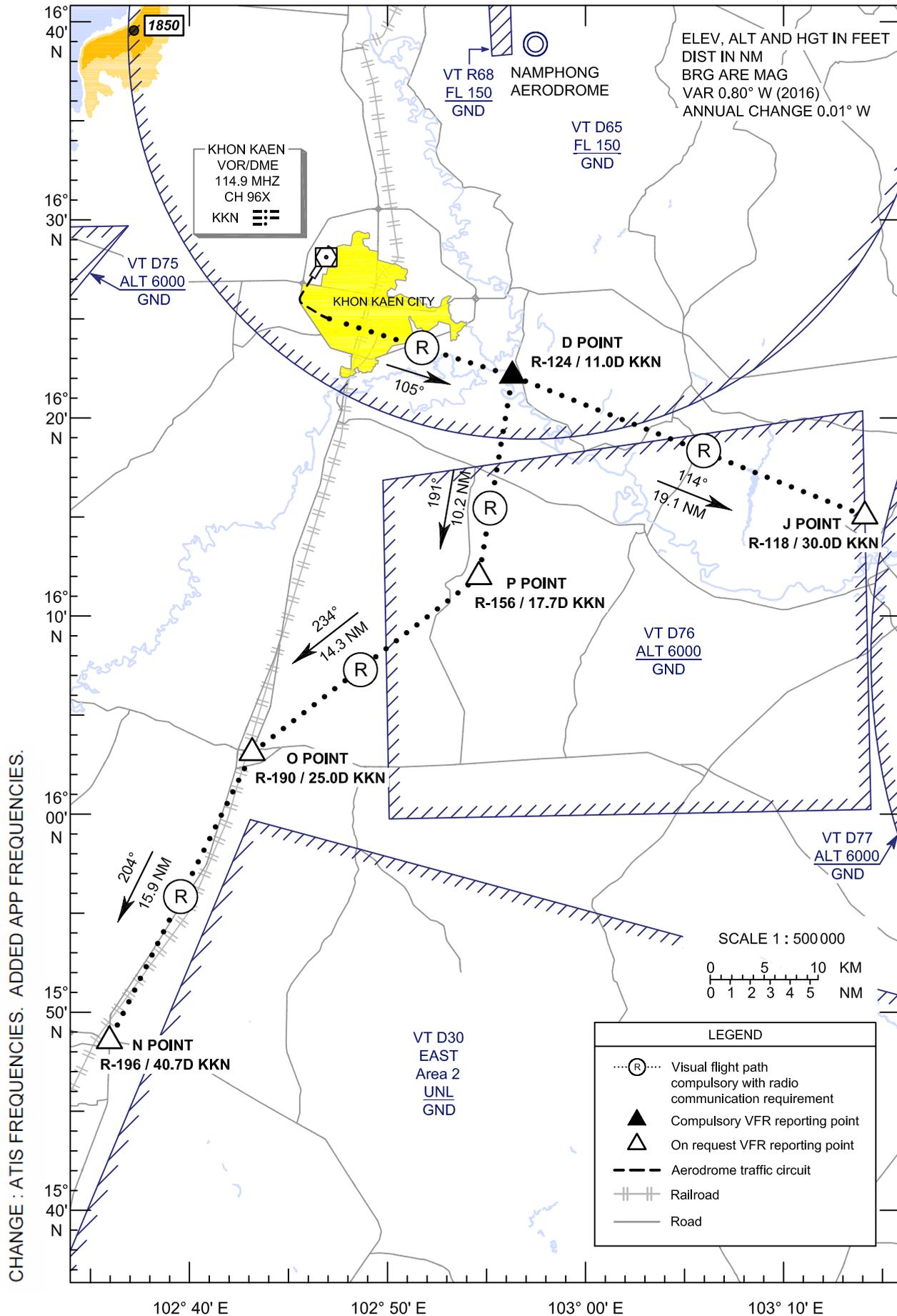
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**VFR EXIT
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

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**KHON KAEN /
Khon Kaen (VTUK)
RWY21
(SOUTH)**



**VFR EXIT
PROCEDURE
CHART**

**AERODROME ELEV 670 FT
HEIGHTS RELATED TO
AERODROME ELEV**

**KHON KAEN /
Khon Kaen (VTUK)
RWY21
(SOUTH)**

DEP-RWY21 (South-East)

After departure turn left proceed eastbound (heading 120°) until 2.5 DME then heading 105° to D POINT, and heading 114° to J POINT.

DEP-RWY21 (South)

After departure turn left proceed eastbound (heading 120°) until 2.5 DME then heading 105° to D POINT, heading 191° to P POINT, heading 234° to O POINT, and heading 204° to N POINT.

| Reporting points | Landmark | Radial / DME from KKN VOR | Coordinates | |
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| KHON KAEN VOR/DME (KKN) | KHON KAEN VOR/DME Station | - | 16° 28' 14.73" N | 102° 47' 16.07" E |

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