## 3. NAMING OF PROCEDURES

There are two RNP1 STARs, two RNP1 SIDs and one RNP APCH (LNAV only) procedures to Chandragadhi Runway 10 and are named in accordance with the ICAO naming convention as tabulated below.

| RWY | SIDs | STARs | APPROACH |
|---|---|---|---|
| 10 | DHARA 1A<br>MAHES 1A | CHURE 1R<br>RANGA 1R | RNP RWY 10 (LNAV Only) |

## 4. RNP CAPABILITY LOST

If the RNP Approach capability is lost, ATC shall be informed as soon as possible the alternate course of action from the pilots of the concerned aircraft.

## 5. List of Waypoints:

| Waypoint Identifier | Coordinates | |
|---|---|---|
| CHURE | 26°51'48.00000"N | 086°39'07.00000"E |
| RANGA | 26°30'03.43700"N | 087°28'17.24200"E |
| DHARA | 26°52'11.03220"N | 087°14'56.10698"E |
| DAMAK | 26°41'15.75159"N | 087°40'04.78748"E |
| TAHAR | 26°32'27.97360"N | 087°36'53.09413"E |
| MAHES | 26°36'26.01397"N | 087°51'07.08456"E |
| CG481 | 26°34'51.00676"N | 088°01'00.14711"E |
| CG482 | 26°35'33.31695"N | 087°56'36.59734"E |
| CG483 | 26°44'03.16995"N | 088°03'14.74802"E |
| CG484 | 26°49'03.70600"N | 087°53'33.95072"E |
| CG485 | 26°50'07.26356"N | 087°40'12.23574"E |
| MAPt (RW10) | 26°34'19.18517"N | 088°04'17.77408"E |
| TH28 | 26°34'10.58165"N | 088°05'11.11936"E |

## 6. Coding Table: CHURE 1R Arrival

| Serial No. | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track (°M/°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kts) | VPA/ TCH | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | IF | CHURE | - | - | - | - | - | +11500 | - | - | RNP-1 |
| 2 | TF | DHARA | - | 089° | - | 32.1 | - | +9500 | - | - | RNP-1 |
| 3 | TF | DAMAK | - | 116° | - | 25.0 | - | +8500 | - | - | RNP-1 |
| 4 | TF | MAHES | - | 116° | - | 11.0 | - | +4000 | - | - | RNP-1 |

## 7. Coding Table: RANGA 1R Arrival

| Serial No. | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track (°M/°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kts) | VPA/ TCH | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | IF | RANGA | - | - | - | - | - | +4000 | - | - | RNP-1 |
| 2 | TF | TAHAR | - | 073° | - | 8.1 | - | +4000 | - | - | RNP-1 |
| 3 | TF | MAHES | - | 073° | - | 13.4 | - | +4000 | - | - | RNP-1 |

## 8. Coding Table: RNP RWY 10 (LNAV Only)

| Serial No. | Path Descriptor | Waypoint Identifier | Fly-over | Course/Track (°M/°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kts) | VPA/ TCH | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | IF | MAHES (IAF) | - | - | - | - | - | +4000 | - | - | RNP APCH |
| 2 | TF | CG482 (IF) | - | 100° | - | 5.0 | - | @2600 | - | - | RNP APCH |
| 3 | TF | CG481 (FAF) | - | 100° | - | 4.0 | - | @1300 | - | 2.94/50 | RNP APCH |
| 4 | TF | RW10 (MAPt) | Y | 100° | - | 3.0 | L | - | -160 | - | RNP APCH |
| 5 | DF | MAHES (MAHF) | - | - | - | - | - | +4000 | - | - | RNP APCH |

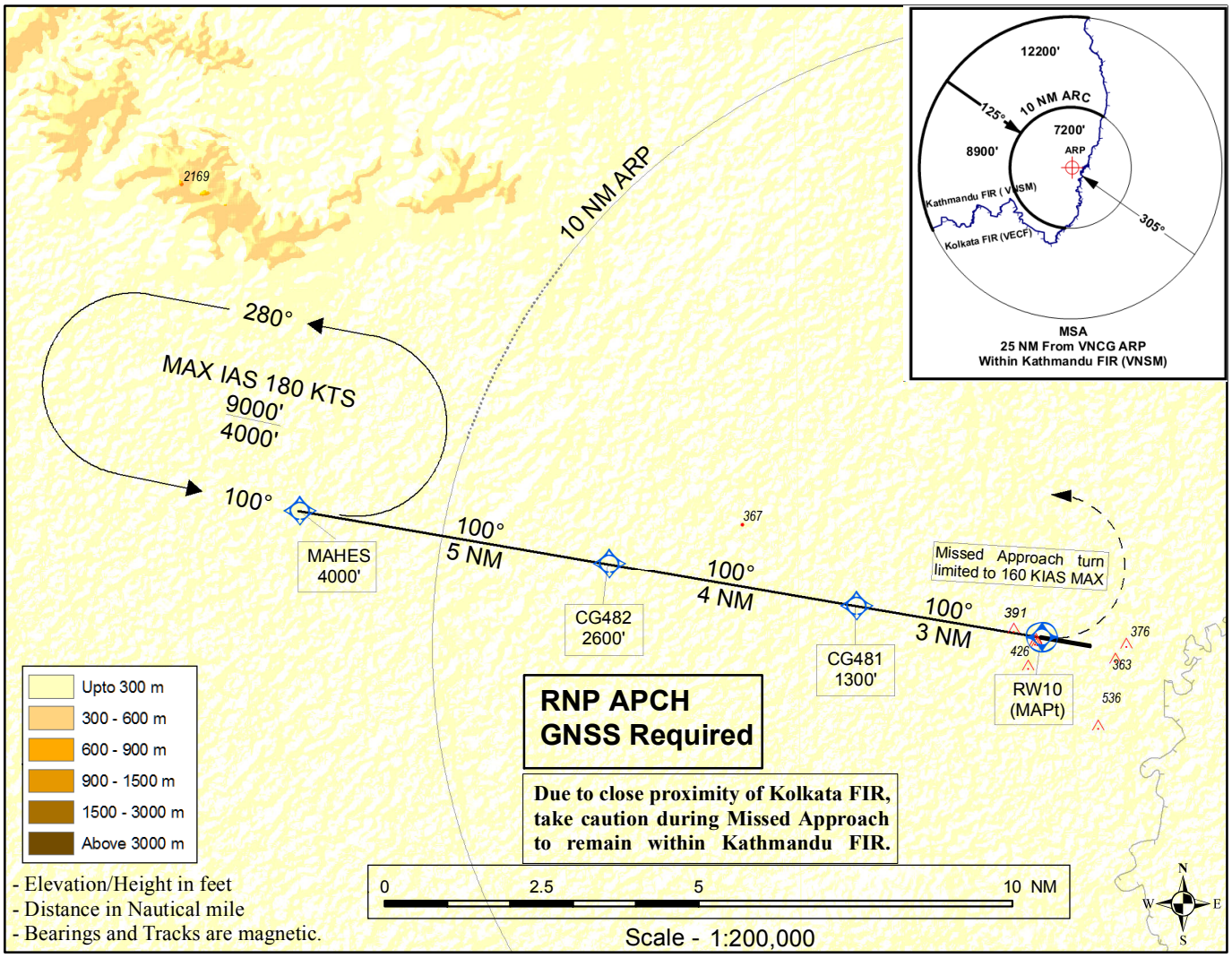
## 9. Coding Table: SID DHARA 1A RWY 10

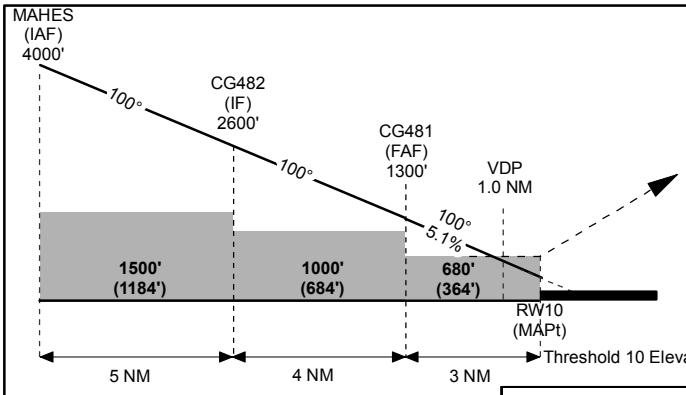
| Serial No. | Path Descriptor | Waypoint Identifier | Flyover | Course/Track (°M/°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kts) | VPA/ TCH | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CA | - | - | 100° | - | - | L | @700 | -160 | - | RNP-1 |
| 2 | DF | CG483 | - | - | - | - | L | +4500 | -180 | - | RNP-1 |
| 3 | TF | CG484 | - | 300° | - | 10.0 | L | +7500 | -180 | - | RNP-1 |
| 4 | TF | CG485 | - | 275° | - | 12.0 | - | +10500 | - | - | RNP-1 |
| 5 | TF | DHARA | - | 275° | - | 22.7 | - | +12500 | - | - | RNP-1 |

## 10. Coding Table: SID MAHES 1A RWY 10

| Serial No. | Path Descriptor | Waypoint Identifier | Flyover | Course/Track (°M/°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed (kts) | VPA/ TCH | Navigation Specification |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CA | - | - | 100° | - | - | L | @700 | -160 | - | RNP-1 |
| 2 | DF | MAHES | - | - | - | - | - | +6000 | - | - | RNP-1 |

| INSTRUMENT APPROACH CHART - ICAO | AERODROME ELEV 317'<br>TRANS LEVEL: FL150<br>TRANS ALT: 13500 ft.<br>Mag Var. 0°W | TWR 122.5 | CHANDRAGADHI, NEPAL<br>CHANDRAGADHI AIRPORT<br>RNP RWY 10 (LNAV Only) |
|---|---|---|---|




## MISSED APPROACH:

(Minimum MA climb gradient is 3.5%.
Maximum speed for turning at Missed Approach is 160 kts.)

At MAPt, turn left direct to MAHES H.P.
Reach MAHES at or above 4000' or
as instructed by ATC.

| LNAV | Aircraft Category | | | | | |
|---|---|---|---|---|---|---|
| | A | | B | | C | |
| | OCA (OCH) | Visibility | OCA (OCH) | Visibility | OCA (OCH) | Visibility |
| Straight-in | 680' (364') | 2200 m | 680' (364') | 2200 m | 680' (364') | 2200 m |
| Circling | 840' (524') | 3000 m | 840' (524') | 3000 m | 940' (624') | 3400 m |
| | NOT AUTHORIZED AT NIGHT | | | | | |

***Note:*** *Circling Approach only from North of the airfield.*

***Note:*** *Approach Lighting System (ALS) and Runway Lighting System NOT available at VNCG.*