

INSTRUMENT AERODROME ELEV 406 FT  
 APPROACH HEIGHTS RELATED TO  
 CHART - ICAO THR RWY 23 - ELEV 392 FT

APP : 123.5 , 257.8  
 TWR : 119.9 , 274.5  
 GND : 121.9 , 275.8

UBON RATCHATHANI /  
 Ubon Ratchathani (VTUU)  
 ILS or LOC RWY23

| Fix / Point        |                                    | Coordinates   |                |
|--------------------|------------------------------------|---------------|----------------|
| JUMPA<br>(IAF)     | R-298 / 15.0 D UBL                 | 15 21 31.74 N | 104 38 06.52 E |
| TAEPA<br>(IAF)     | R-310 / 15.0 D UBL                 | 15 24 18.58 N | 104 39 59.05 E |
| PUDZA<br>(IAF)     | R-077 / 15.0 D UBL                 | 15 18 18.23 N | 105 07 01.90 E |
| MUWAN<br>(IAF)     | R-094 / 15.0 D UBL                 | 15 13 52.25 N | 105 07 27.13 E |
| MAPAW<br>(IF)      | 11.9 D IUUBL<br>R-052 / 13.0 D UBL | 15 22 56.53 N | 105 02 24.20 E |
| FAF                | 5.6 D IUUBL                        | 15 18 59.23 N | 104 57 16.61 E |
| MAPt<br>(LOC only) | 0.1 D IUUBL                        | 15 15 35.02 N | 104 52 52.20 E |
| THR RWY 23         | -                                  | 15 15 35.02 N | 104 52 52.20 E |
| LOC                | IUBL                               | 15 14 24.09 N | 105 51 20.50 E |
| GP/DME             | IUBL                               | 15 15 26.05 N | 104 52 47.24 E |
| VOR<br>(IAF)       | UBL                                | 15 14 42.68 N | 104 51 57.24 E |

CHANGE : LOC, GP/DME, AND VOR COORDINATE