

INSTRUMENT APPROACH CHART - ICAO  
AD ELEV 374 ft  
HEIGHTS RELATED THR RWY 03 - ELEV 329 ft

LISBOA ARR INFORMATION 124.155  
LISBOA APPROACH 119.105  
LISBOA ARRIVAL 125.130  
LISBOA TOWER 118.105  
LISBOA GROUND 121.755

EGNOS  
CH 48477  
E03A  
RDH: 50

LISBOA / LPPT  
RNP RWY03

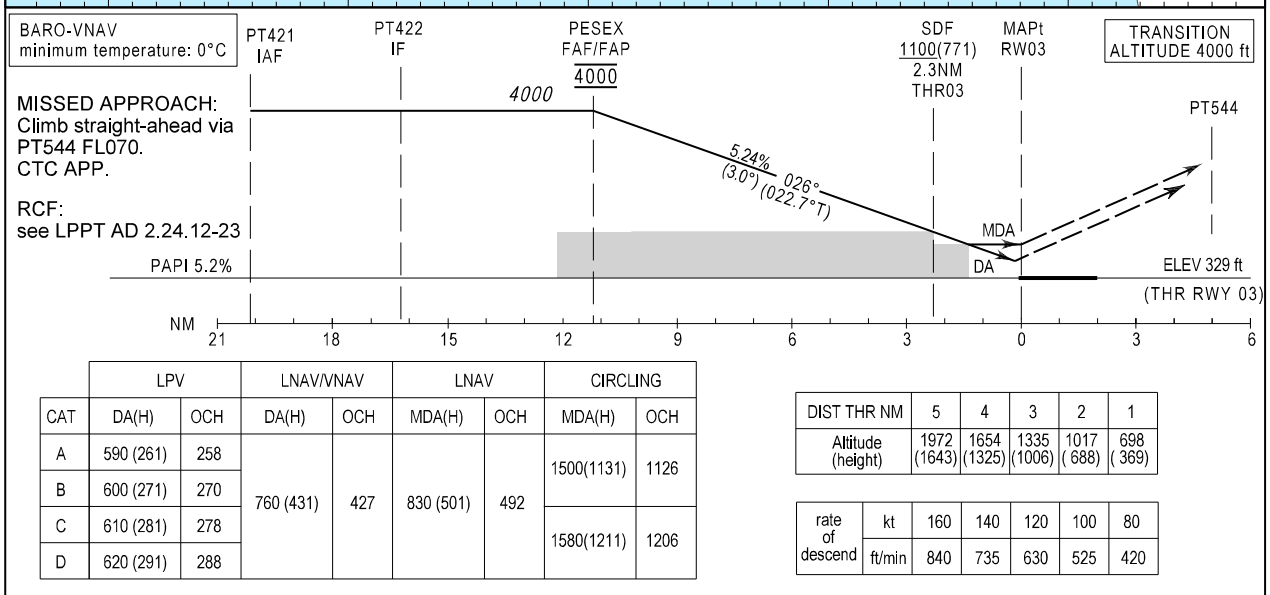
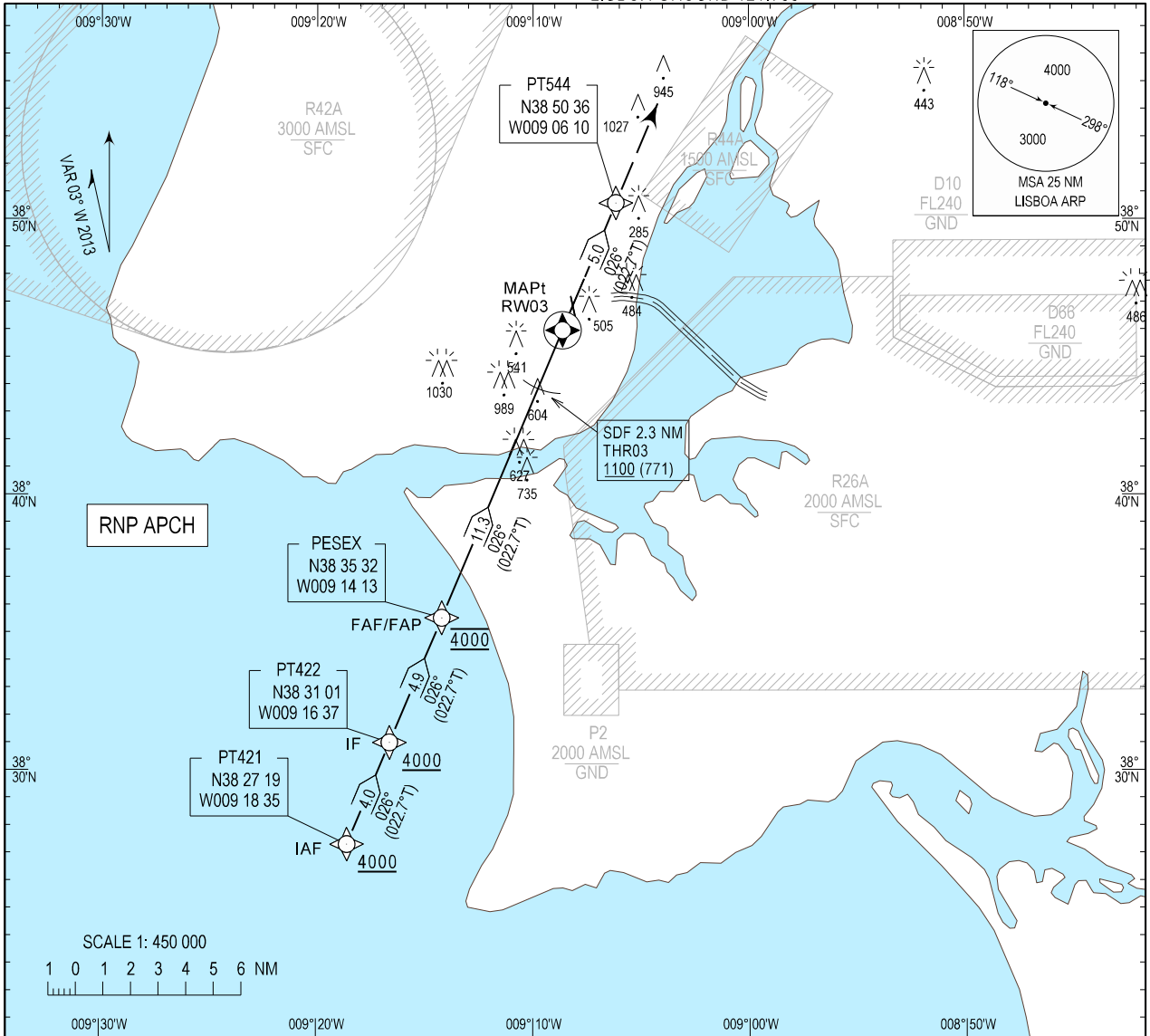


Chart IDENT changed, text box inserted.

Instrument Approach Procedure Coding Table  
Lisboa RNP RWY 03

| Path Terminator | Waypoint   |                  |         |                           | Course/Track MAG (True) | Dist NM | Turn Direction | Altitude | Speed | RNP Value NM | Navigation Specification | Remarks |
|-----------------|------------|------------------|---------|---------------------------|-------------------------|---------|----------------|----------|-------|--------------|--------------------------|---------|
|                 | Identifier | Type             | Flyover | Coordinates               |                         |         |                |          |       |              |                          |         |
| IF              | PT421      | IAF              | N       | 382719.25N<br>0091835.19W | -                       | -       | -              | +4000FT  | -     | 1.0          | RNP APCH                 | -       |
| TF              | PT422      | IF               | N       | 383100.92N<br>0091637.34W | 026<br>(022.7)          | 4.00    | -              | +4000FT  | -     | 1.0          | RNP APCH                 |         |
| TF              | PESEX      | FAF/FAP          | N       | 383532.42N<br>0091412.69W | 026<br>(022.7)          | 4.90    | -              | @4000FT  | -     | 0.3          | RNP APCH                 |         |
| TF              | RW03       | MAPt (LNAV only) | Y       | 384559.15N<br>0090838.04W | 026<br>(022.7)          | 11.3    | -              | -        | -     | 1.0          | RNP APCH                 |         |
| TF              | PT544      | -                | N       | 385036.16N<br>0090609.86W | 026<br>(022.7)          | 5.00    | -              | -        | -     | 1.0          | RNP APCH                 | -       |
| VM              |            | -                | N       |                           | 026<br>(022.7)          | -       | -              | @FL070   | -     | 1.0          | RNP APCH                 |         |

Input data

|                                     |               |
|-------------------------------------|---------------|
| Operation Type                      | 0             |
| SBAS Provider                       | 1             |
| Airport Identifier                  | LPPT          |
| Runway                              | 03            |
| Runway Direction                    | 0             |
| Approach Performance Designator     | 0             |
| Route Indicator                     |               |
| Reference Path Data Selector        | 0             |
| Reference Path Identifier           | E03A          |
| LTP/FTP Latitude                    | 384559.1500N  |
| LTP/FTP Longitude                   | 0090838.0400W |
| LTP/FTP Ellipsoidal Height (metres) | 153.7         |
| FPAP Latitude                       | 384750.3000N  |
| Delta FPAP Latitude (seconds)       | 111.1500      |
| FPAP Longitude                      | 0090738.5700W |
| Delta FPAP Longitude (seconds)      | 59.4700       |
| Threshold Crossing Height           | 50.0          |
| TCH Units Selector                  | 0             |
| Glidepath Angle (degrees)           | 3.00          |
| Course Width (metres)               | 105.00        |
| Length Offset (metres)              | 0             |
| HAL (metres)                        | 40.0          |
| VAL (metres)                        | 50.0          |

Output data

|                      |  |
|----------------------|--|
| Data Block           | 10 14 10 10 0C 03 00 00 01 33<br>30 05 DC 01 A3 10 D0 6B 13 FC<br>01 1A 5C 64 03 9C D0 01 F4 01<br>2C 01 64 00 C8 FA 7F EC F0 F2 |
| Calculated CRC Value | 7FECF0F2   |

Required Additional Data

|                                     |       |
|-------------------------------------|-------|
| ICAO Code                           | LP    |
| LTP/FTP Orthometric Height (metres) | 100.3 |
| FPAP Orthometric Height (metres)    | 105.7 |