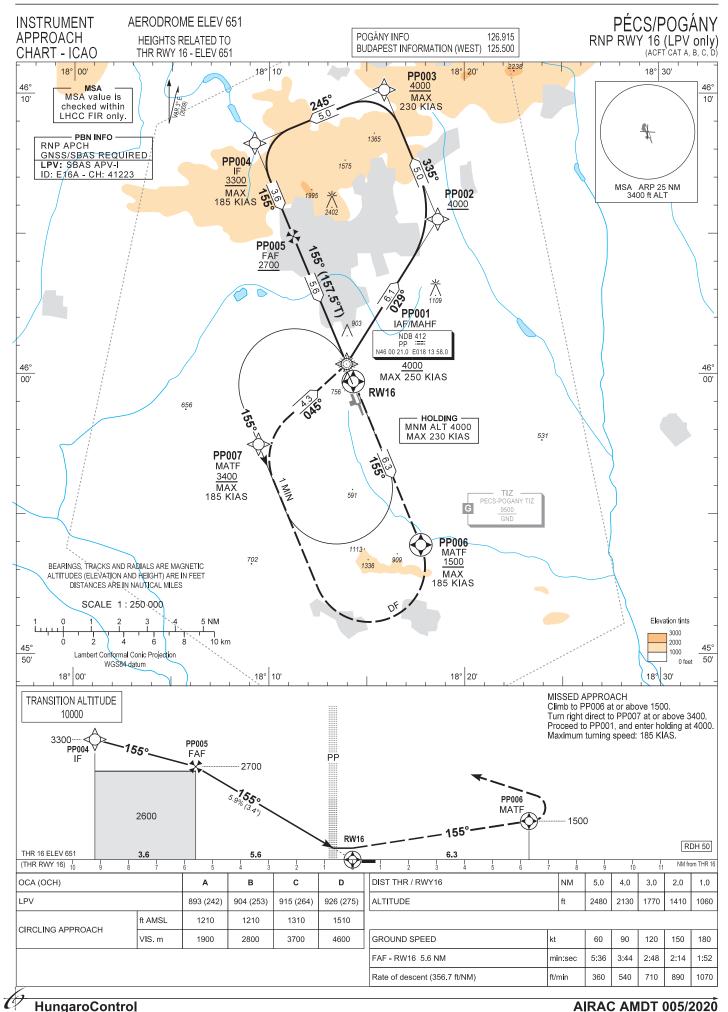
**HungaroControl** 



## AD 2 LHPP INSTRUMENT APPROACH CHART RNP RWY 16

| PT | WP ID | Role | OverFly | Bearing/<br>(Len Dur) | Turn Direction | Altitude (FT) | IAS (KT) | VRT ANG | NAV PERF |
|----|-------|------|---------|-----------------------|----------------|---------------|----------|---------|----------|
| IF | PP001 | IAF  |         |                       |                | +4000         | -250     |         | RNP APCH |
| TF | PP002 |      |         | 032.2 T/6.1 NM        |                | +4000         |          |         | RNP APCH |
| TF | PP003 |      |         | 337.6 T/5.0 NM        |                | +4000         | -230     |         | RNP APCH |
| TF | PP004 | IF   |         | 247.5 T/5.0 NM        |                | +3300         | -185     |         | RNP APCH |
| TF | PP005 | FAF  |         | 157.5 T/3.6 NM        |                | +2700         |          |         | RNP APCH |
| TF | RW16  | LTP  | Υ       | 157.5 T/5.6 NM        |                | +701          |          | -3.36°  | RNP APCH |
| TF | PP006 | MATF | Υ       | 157.6 T/6.3 NM        |                | +1500         | -185     |         | RNP APCH |
| DF | PP007 | MATF |         |                       | R              | +3400         | -185     |         | RNP APCH |
| TF | PP001 |      |         | 047.7 T/4.3 NM        |                | @4000         |          |         | RNP APCH |
| НМ | PP001 | MAHF |         | 338.0 T/1 min         | L              | @4000         | -230     |         | RNP APCH |

## SBAS FAS Data Block Coding Data

| ODAO I AO Data Blook Couling Data |   |  |  |  |  |  |  |
|-----------------------------------|---|--|--|--|--|--|--|
| FAS-DB (CRC wrapped data)         |   |  |  |  |  |  |  |
| Operation type                    | 0   |  |  |  |  |  |  |
| SBAS Provider                     | 1   |  |  |  |  |  |  |
| Airport identifier                | LHPP  |  |  |  |  |  |  |
| Runway                            | 16  |  |  |  |  |  |  |
| Approach Performance Designator   | 0   |  |  |  |  |  |  |
| Route indicator                   |   |  |  |  |  |  |  |
| Reference Path Data Selector      | 0   |  |  |  |  |  |  |
| Reference Path Identifier         | E16A  |  |  |  |  |  |  |
| LTP/FTP Latitude                  | 455943.6200N  |  |  |  |  |  |  |
| LTP/FTP Longitude                 | 0181418.3200E   |  |  |  |  |  |  |
| LTP/FTP Ellipsoidal Height (m)    | 243.2   |  |  |  |  |  |  |
| FPAP Latitude                     | 455852.8895N  |  |  |  |  |  |  |
| FPAP Longitude                    | 0181448.4205E   |  |  |  |  |  |  |
| Threshold Crossing Height         | 50  |  |  |  |  |  |  |
| TCH Units Selector                | 0   |  |  |  |  |  |  |
| Glidepath Angle (degrees)         | 3.36  |  |  |  |  |  |  |
| Course Width (m)                  | 105.00  |  |  |  |  |  |  |
| Length Offset (m)                 | 200   |  |  |  |  |  |  |
| HAL (m)                           | 40.0  |  |  |  |  |  |  |
| VAL (m)                           | 50.0  |  |  |  |  |  |  |
| Data Block                        | 10 10 10 08 0C 10 00 00 01 36 31 05 08 36 BD 13 A0 BB D3 07 80 1D AB 73 FE 29 EB 00 F4 01 50 01 64 19 C8 FA D3 7B 42 5B |  |  |  |  |  |  |
| Calculated CRC Value              | D37B425B  |  |  |  |  |  |  |
| FAS-DB (not CRC wrapped data)     |   |  |  |  |  |  |  |
| ICAO Code                         | LH  |  |  |  |  |  |  |
| LTP/FTP Orthometric Height (m)    | 198.3   |  |  |  |  |  |  |
|                                   |   |  |  |  |  |  |  |

## **WAYPOINT COORDINATES**

| WP ID | Latitude    | LongItude    |  |  |  |  |  |
|-------|-------------|--------------|--|--|--|--|--|
| PP001 | N46 00 21.0 | E018 13 58.0 |  |  |  |  |  |
| PP002 | N46 05 31.2 | E018 18 38.1 |  |  |  |  |  |
| PP003 | N46 10 08.4 | E018 15 53.5 |  |  |  |  |  |
| PP004 | N46 08 13.7 | E018 09 14.8 |  |  |  |  |  |
| PP005 | N46 04 54.2 | E018 11 13.7 |  |  |  |  |  |
| RW16  | N45 59 43.6 | E018 14 18.3 |  |  |  |  |  |
| PP006 | N45 53 53.8 | E018 17 45.5 |  |  |  |  |  |
| PP007 | N45 57 29.1 | E018 09 27.4 |  |  |  |  |  |

## Holding procedure

PP001

Holding fix: Left hand holding pattern.

335°

Inbound track: Outbound track: 155°

3°/sec. or 25° bank angle (whichever requires lesser bank) 1 min. Rate of turn:

Outbound times: Minimum holding altitude: 4000

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