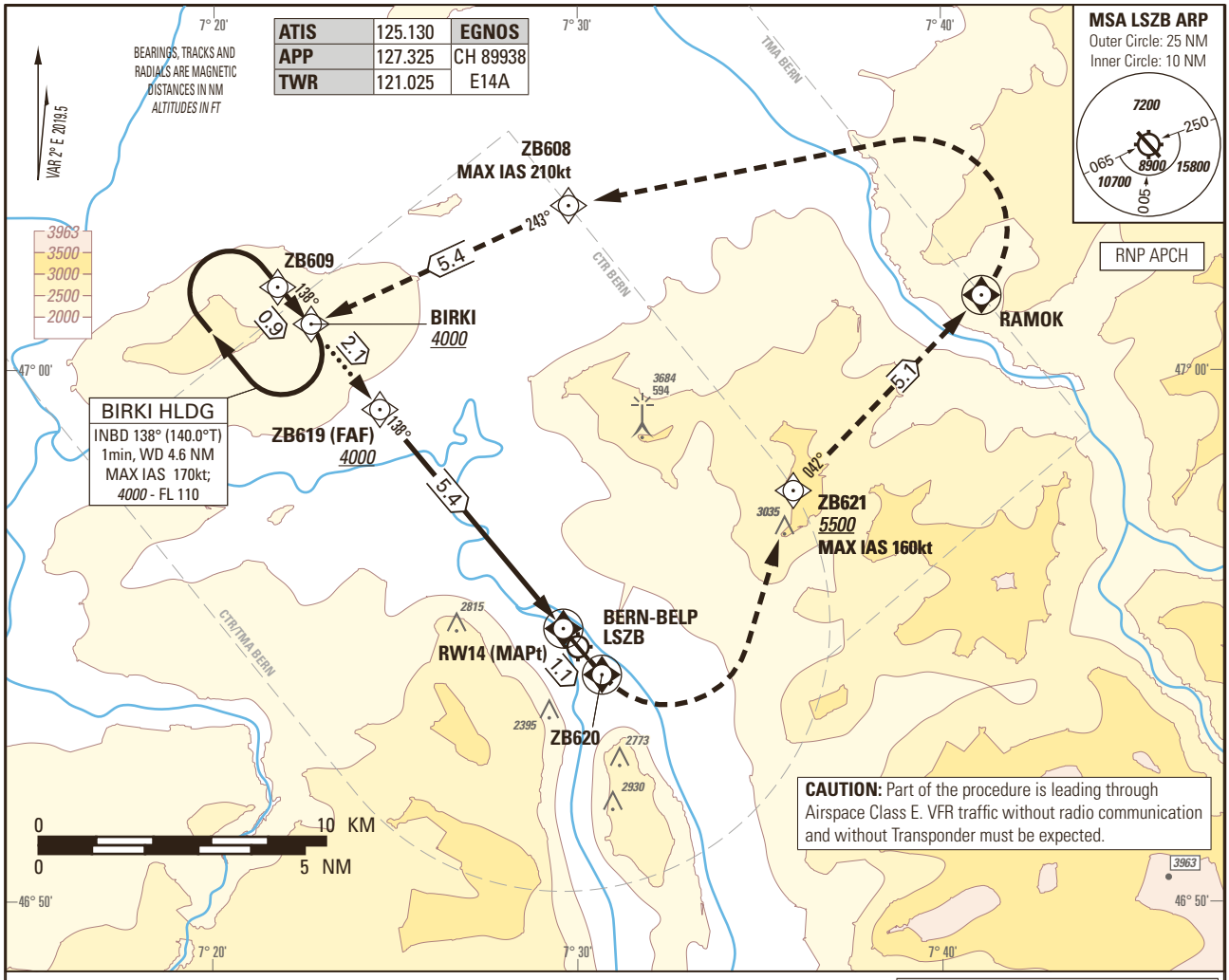
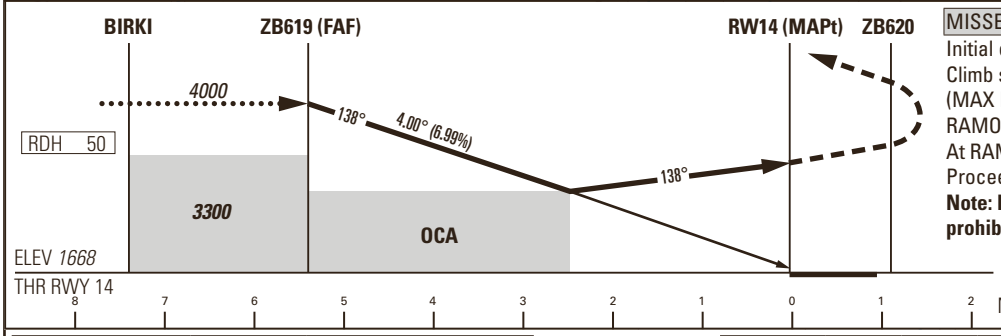
Instrument Approach Chart
(IAC) - ICAO

*AD ELEV 1675ft*

| | |
|---|---|
| TRANSITION LEVEL | by ATC |
| TRANSITION ALTITUDE | *6000* |

BERN-BELP LSZB
RNP RWY 14
ACFT CAT A/B/C




**MISSED APPROACH**
Initial climb clearance *6000*.
Climb straight ahead. At ZB620 turn left (MAX IAS 160kt). Proceed via ZB621 to RAMOK. Cross ZB621 at *5500* or above. At RAMOK turn left (MAX IAS 210kt). Proceed via ZB608 to BIRKI and hold.
**Note: Level flight to MAPt at OCA(H) prohibited.**

| Missed APCH climb gradient requirement | STRAIGHT-IN APPROACH | | |
|---|---|---|---|
| | OCA(H) LPV CAT I | | |
| | A | B | C |
| 2.5% | *2610* (942) | *2626* (958) | *2639* (971) |
| 5.0% up to *3100* | *2286* (618) | *2303* (635) | *2316* (648) |
| 7.0% up to *3100* | *2113* (445) | *2130* (462) | *2143* (475) |
| | MDA(H) LPV | | |
| 6.7% up to *3100* | *2168* (500) | | |
| | OCA(H) LNAV | | |
| 2.5% | *2840* (1172) | | |
| 3.9% up to *3400* | *2570* (902) | | |

| DIST THR | 5.4 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 |
|---|---|---|---|---|---|---|
| ALT | *4000* | *3840* | *3420* | *3000* | *2570* | - |

| ROD | GS kt | 90 | 110 | 130 | 140 |
|---|---|---|---|---|---|
| | FT/MIN | 637 | 779 | 920 | 991 |

**CAUTION**
- Visual Segment Surface (VSS) penetrated by trees 0.8 NM before THR 14 on the left hand side up to *1910ft* AMSL.
- This is not a standard APCH angle.
- On 4° APCH angle and GS>140kt resulting ROD>1000ft/min.
- OBST limitation and restriction according to non-instrument RWY criteria.
- **When reaching the OCA(H) and no visual contact to the landing RWY is established and can be maintained, start the missed APCH climb without delay.**

**REMARK**
- Circling according to specific APCH charts.
- Training RNP APCH: OCA (H) *3000ft* (1330ft).

COR: CAUTION note (WEF 25FEB2021)

## Input data

| | |
|---|---|
| **Operation Type** | 0 |
| **SBAS Provider** | 1 (EGNOS) |
| **Airport Identifier** | LSZB |
| **Runway** | 14 |
| **Runway Letter** | 0 (None) |
| **Approach Performance Designator** | 0 |
| **Route Indicator** | |
| **Reference Path Data Selector** | 0 |
| **Reference Path Identifier** | E14A |
| **LTP/FTP Latitude** | 465504.5820N |
| **LTP/FTP Longitude** | 0072932.9760E |
| **LTP/FTP Ellipsoidal Height (metres)** | 557.3 |
| **FPAP Latitude** | 465422.4635N |
| **Delta FPAP Latitude (seconds)** | -42.1185 |
| **FPAP Longitude** | 0073024.3390E |
| **Delta FPAP Longitude (seconds)** | 51.3630 |
| **Threshold Crossing Height** | 50.0 |
| **TCH Units Selector** | 0 (feet) |
| **Glidepath Angle (degrees)** | 4.00 |
| **Course Width (metres)** | 105.00 |
| **Length Offset (metres)** | 168 |
| **HAL (metres)** | 40.0 |
| **VAL (metres)** | 35.0 |

## Output data

| | |
|---|---|
| **Data Block** | 10 02 1A 13 0C 0E 00 00 01 34<br>31 05 0C 8F 22 14 60 26 37 03<br>C5 29 F3 B6 FE 46 91 01 F4 01<br>90 01 64 15 C8 AF B1 6A 8D 9D |
| **Calculated CRC Value** | B16A8D9D |

## Required Additional Data

| | |
|---|---|
| **ICAO Code** | LS |
| **LTP/FTP Orthometric Height (metres)** | 508.28 |