

## LSZC - BUOCHS

## LSZC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LSZC - BUOCHS

## LSZC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |                                                            |                                                                                                                                                                                                                                                  |
|---|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at Aerodrome                      | 46 58 28 N 008 23 49 E<br>RWY midpoint                                                                                                                                                                                                           |
| 2 | Direction and distance from the CITY                       | 2 km W Buochs                                                                                                                                                                                                                                    |
| 3 | Elevation/Reference temperature                            | 1475 ft AMSL - 24.7°C                                                                                                                                                                                                                            |
| 4 | Geoid undulation at AD ELEV PSN                            | 158.8 ft                                                                                                                                                                                                                                         |
| 5 | MAG VAR/Annual change                                      | 2° E (2016.5) / 0° 9.7' eastwards                                                                                                                                                                                                                |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Post: Airport-Buochs AG<br>Fadenbrücke 20<br>CH-6374 <b>Buochs</b><br>Phone: +41 (0) 41 622 06 11<br>Fax: +41 (0) 41 622 06 10<br>TWR: +41 (0) 41 624 59 01<br>AFS: LSZCZTZ<br>Email: info@airportbuochs.ch<br>URL: http://www.airportbuochs.ch/ |
| 7 | Types of traffic permitted (IFR/VFR)                       | IFR/VFR                                                                                                                                                                                                                                          |
| 8 | Remarks                                                    | NIL                                                                                                                                                                                                                                              |

## LSZC AD 2.3 OPERATIONAL HOURS

|    |                            |                                                                                                                                                                                                                                                                                                                        |
|----|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Aerodrome Operator         | MON - FRI: 0700 - 1105 (0600 - 1005) / 1215 (1115) - SS<br>MAX 1900 (1800)<br>SAT: 0700 - 1100 (0600 - 1000) / 1300 (1200) - SS<br>MAX 1900 (1800)<br>SUN/HOL: 0900 - 1100 (0800 - 1000) / 1300 (1200) - SS<br>MAX 1700 (1600)<br>HOL: REF AIP <a href="#">GEN 2.1.6</a> , Local HOL REF <a href="#">LSZC AD 2.2.2</a> |
| 2  | Customs and immigration    | REF <a href="#">LSZC AD 2.20</a>                                                                                                                                                                                                                                                                                       |
| 3  | Health and sanitation      | NIL                                                                                                                                                                                                                                                                                                                    |
| 4  | AIS Briefing Office        | AD OPR HR                                                                                                                                                                                                                                                                                                              |
| 5  | ATS Reporting Office (ARO) | NIL                                                                                                                                                                                                                                                                                                                    |
| 6  | MET Briefing Office        | NIL; REF <a href="#">LSZC AD 2.11</a>                                                                                                                                                                                                                                                                                  |
| 7  | ATS                        | MON-FRI 0630 - 1105 (0530 - 1005) / 1215 - 1605 (1115 - 1505)<br>Other times and SAT/SUN: O/R. MNM 24 HR before DEP, MNM 3 days before ARR due to local traffic regulations, see <a href="#">LSZC AD 2.20</a>                                                                                                          |
| 8  | Fuelling                   | O/R during AD OPR HR                                                                                                                                                                                                                                                                                                   |
| 9  | Handling                   | Limited service O/R during AD OPR HR                                                                                                                                                                                                                                                                                   |
| 10 | Security                   | NIL                                                                                                                                                                                                                                                                                                                    |
| 11 | De-icing                   | NIL                                                                                                                                                                                                                                                                                                                    |
| 12 | Remarks                    | AD: PPR                                                                                                                                                                                                                                                                                                                |

## LSZC AD 2.4 HANDLING SERVICES AND FACILITIES

|   |                              |                                                           |
|---|------------------------------|-----------------------------------------------------------|
| 1 | Cargo-handling facilities:   | NIL                                                       |
| 2 | Fuel/oil types               | Jet A1 / MOBIL JET OIL II / Eastman (BP) 2380 Turbine Oil |
| 3 | Fuelling facilities/capacity | By fuel truck                                             |
| 4 | De-icing facilities          | NIL                                                       |

|   |                                         |                                                         |
|---|-----------------------------------------|---------------------------------------------------------|
| 5 | Hangar space for visiting aircraft      | O/R                                                     |
| 6 | Repair facilities for visiting aircraft | By Pilatus Ltd. maint O/R, limited to Pilatus ACFT only |
| 7 | Remarks                                 | NIL                                                     |

## LSZC AD 2.5 PASSENGER FACILITIES

|   |                      |                                    |
|---|----------------------|------------------------------------|
| 1 | Hotels               | Close to AD and surrounding cities |
| 2 | Restaurants          | Close to AD and surrounding cities |
| 3 | Transportation       | Taxis                              |
| 4 | Medical facilities   | Hospital in the city (Stans)       |
| 5 | Bank and Post Office | In the city                        |
| 6 | Tourist Office       | NIL                                |
| 7 | Remarks              | NIL                                |

## LSZC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

|   |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | AD category for fire fighting               | Rescue and Firefighting Service (RFFS): <ul style="list-style-type: none"> <li>Allowed operations are: <ul style="list-style-type: none"> <li>- non-CAT operation</li> <li>- CAT operations with aeroplanes with MTOM ≤ 2250 kg</li> <li>- HEL with MTOM ≤ 3175 kg</li> </ul> </li> <li>Personnel not necessarily on site</li> <li>1 fire extinguisher available east side of grey tent (H15)</li> <li>10 fire extinguisher available on the fence north side of tarmac</li> <li>For CAT operations with aeroplanes with MTOM &gt; 2250 kg: <ul style="list-style-type: none"> <li>- O/R during ATS HR Category 3 - 5, 24 HR before ETD / ETA</li> </ul> </li> </ul> |
| 2 | Rescue equipment                            | 2 fire trucks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3 | Capability for removal of disabled aircraft | Up to 5.7 tonnes immediately, others O/R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4 | Remarks                                     | NIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## LSZC AD 2.7 SEASONAL AVAILABILITY - CLEARING

|   |                               |                            |
|---|-------------------------------|----------------------------|
| 1 | Type(s) of clearing equipment | Snow removal available O/R |
| 2 | Clearance priorities          | RWY, TWY, Apron            |
| 3 | Remarks                       | All seasons                |

## LSZC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

|   |                                                      |                                                                                                                                                                           |
|---|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation, surface and strength of Aprons          | ASPH: PCR 380/F/C/X/U                                                                                                                                                     |
| 2 | Designation, width, surface and strength of Taxiways | Width:<br>TWY A: 12.0 m<br>TWY B, C: 12.0 m<br>TWY D: min 10.1 m, BTN TWY B - Pilatus factory 9.4 m,<br>TWY E: 12.0 m; TWY F: 9.8 m.<br>Surface:<br>ASPH: PCR 380/F/C/X/U |
| 3 | ACL location and elevation                           | NIL                                                                                                                                                                       |
| 4 | Location of VOR checkpoints                          | NIL                                                                                                                                                                       |
| 5 | Location of INS checkpoints                          | NIL                                                                                                                                                                       |
| 6 | Remarks                                              | NIL                                                                                                                                                                       |

**LSZC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM, MARKINGS**

|   |                                                                                                               |                                                                                     |
|---|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Guidance sign boards, TWY CL                                                        |
| 2 | RWY/TWY markings and LGT                                                                                      | RWY, TWY and holding position markings<br>RWY LGT: see <a href="#">LSZC AD 2.14</a> |
| 3 | Stop bars and RWY guard lights                                                                                | NIL                                                                                 |
| 4 | Other RWY protection measures                                                                                 | NIL                                                                                 |
| 5 | Remarks                                                                                                       | NIL                                                                                 |

**LSZC AD 2.10 AERODROME OBSTACLES**

| In approach/TKOF areas |                                            |              |                           | In circling area and at aerodrome          |              |                           |          |
|------------------------|--------------------------------------------|--------------|---------------------------|--------------------------------------------|--------------|---------------------------|----------|
| 1                      |                                            |              |                           | 2                                          |              |                           | 3        |
| RWY/Area affected      | Obstacle type<br>Elevation<br>Markings/LGT | Co-ordinates |                           | Obstacle type<br>Elevation<br>Markings/LGT | Co-ordinates |                           | RMK      |
| a                      | b                                          | c            |                           | a                                          | b            | c                         |          |
|                        |                                            | ft           |                           |                                            | ft           |                           |          |
| AOC 24 (1)             | Tree/Trees                                 | 1512         | 46 58 14 N<br>008 22 57 E | Crane/Cranes<br>marked/LGTD                | 1523         | 46 58 43 N<br>008 24 52 E | B0365/14 |
| AOC 24 (2)             | Tree/Trees                                 | 1521         | 46 58 07 N<br>008 22 55 E | Silo<br>LGTD                               | 1468         | 46 58 44 N<br>008 24 50 E | B1468/19 |
| AOC 24 (3)             | Tree/Trees                                 | 1524         | 46 58 05 N<br>008 22 52 E | Crane/Cranes<br>marked/LGTD                | 1681         | 46 59 10 N<br>008 24 39 E | B0670/21 |
| AOC 24 (4)             | Building                                   | 1649         | 46 57 25 N<br>008 21 23 E | Crane/Cranes<br>marked/LGTD                | 1616         | 46 57 34 N<br>008 21 55 E | B0976/21 |
| AOC 24 (5)             | Power line                                 | 1701         | 46 57 23 N<br>008 21 20 E | Crane/Cranes<br>marked/LGTD                | 1605         | 46 58 16 N<br>008 24 22 E | B0047/22 |
| AOC 24 (6)             | Tree/Trees                                 | 1717         | 46 57 20 N<br>008 21 11 E | Crane/Cranes<br>marked/LGTD                | 1785         | 46 59 10 N<br>008 24 30 E | B0141/22 |
| AOC 24 (7)             | Tree/Trees                                 | 2163         | 46 57 11 N<br>008 20 50 E |                                            |              |                           |          |
| AOC 24 (8)             | Tree/Trees                                 | 2184         | 46 57 03 N<br>008 20 34 E |                                            |              |                           |          |
| AOC 24 (9)             | Tree/Trees                                 | 2278         | 46 56 56 N<br>008 20 16 E |                                            |              |                           |          |
| AOC 24 (10)            | Tree/Trees                                 | 2323         | 46 57 19 N<br>008 19 18 E |                                            |              |                           |          |
| AOC 24 (11)            | Pole                                       | 2838         | 46 57 17 N<br>008 19 10 E |                                            |              |                           |          |
| AOC 24 (12)            | Tree/Trees                                 | 2852         | 46 57 17 N<br>008 19 10 E |                                            |              |                           |          |
| AOC 24 (13)            | Pole                                       | 2868         | 46 57 17 N<br>008 19 09 E |                                            |              |                           |          |
| AOC 24 (14)            | Antenna                                    | 2934         | 46 57 17 N<br>008 19 09 E |                                            |              |                           |          |

**LSZC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |                                                                     |                                                                                        |
|----|---------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1  | Associated MET Office                                               | MeteoSwiss                                                                             |
| 2  | Hours of service                                                    | H24                                                                                    |
| 3  | Office responsible for TAF preparation<br>Periods of validity       | MeteoSwiss, Zurich<br>9 hours                                                          |
| 4  | Type of landing forecast                                            | NIL                                                                                    |
| 5  | Briefing/consultation provided                                      | Self Briefing Service ( <a href="http://www.skybriefing.com">www.skybriefing.com</a> ) |
| 6  | Flight documentation<br>Language(s) used                            | --<br>En                                                                               |
| 7  | Charts and other information available for briefing or consultation | NIL                                                                                    |
| 8  | Supplementary equipment available for providing information         | NIL                                                                                    |
| 9  | ATS units provided with information                                 | ATS Buochs                                                                             |
| 10 | Additional information (limitation of service, etc.)                | Tel weather briefing: 0900 162 737 (GE),<br>accessible within Switzerland              |

**LSZC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY NR | TRUE &<br>MAG<br>BRG | Dimensions<br>of RWY (m) | Strength (PCR)<br>and surface of<br>RWY and SWY | THR<br>COORD                    | THR elevation<br>and highest<br>elevation of TDZ<br>of precision APP<br>RWY | Slope of<br>RWY-SWY |
|------------------------|----------------------|--------------------------|-------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|---------------------|
| 1                      | 2                    | 3                        | 4                                               | 5                               | 6                                                                           | 7                   |
| 06                     | 064/062              | 2000 X 40                | PCR 380/F/C/X/U<br>ASPH                         | 46 58 14.63 N<br>008 23 08.89 E | 1475 ft                                                                     | -0.6%               |
| 24                     | 244/242              |                          |                                                 | 46 58 40.91 N<br>008 24 28.97 E | 1435 ft                                                                     | +0.6%               |

| Designations<br>RWY<br>NR | SWY<br>dimensions<br>(m) | CWY<br>dimensions<br>(m) | Strip<br>dimensions<br>(m) | OFZ | Remarks            |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|--------------------|
| 1                         | 8                        | 9                        | 10                         | 11  | 12                 |
| 06                        | NIL                      | NIL                      | 2120 X 150                 | NIL | Non-instrument RWY |
| 24                        |                          |                          |                            |     |                    |

**LSZC AD 2.13 DECLARED DISTANCES**

| RWY<br>Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|----------|----------|----------|---------|---------|
| 1                 | 2        | 3        | 4        | 5       | 6       |
| 06                | 2000 m   | 2000 m   | 2000 m   | 1940 m  | NIL     |
| 24                | 2000 m   | 2000 m   | 2000 m   | 1940 m  | NIL     |

**LSZC AD 2.14      APPROACH AND RUNWAY LIGHTING**

| RWY<br>Designator | APCH LGT<br>type<br>LEN INTST | THR<br>LGT<br>colour<br>WBAR | VASIS<br>(MEHT)<br>PAPI | TDZ<br>Length | RWY Centre<br>Line LGT<br>Length,<br>spacing,<br>colour,<br>INTST | RWY<br>edge LGT<br>LEN,<br>spacing,<br>colour,<br>INTST | RWY<br>End<br>LGT<br>colour<br>WBAR | SWY<br>LGT<br>LEN<br>(m)<br>colour | Remarks                                     |
|-------------------|-------------------------------|------------------------------|-------------------------|---------------|-------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------|------------------------------------|---------------------------------------------|
| 1                 | 2                             | 3                            | 4                       | 5             | 6                                                                 | 7                                                       | 8                                   | 9                                  | 10                                          |
| 06                | ALS<br>LIH                    | RTHL<br>G LIH<br>WBAR        | MIL PAPI:<br>4°         | NIL           | NIL                                                               | REDL<br>60m<br>W<br>LIH                                 | RENL<br>R<br>WBAR                   | NIL                                | RWY and<br>APCH LGT<br>not ICAO<br>Standard |
| 24                |                               |                              |                         |               |                                                                   |                                                         |                                     |                                    |                                             |

**LSZC AD 2.15      OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                                          |     |
|---|----------------------------------------------------------|-----|
| 1 | ABN/IBN location, characteristics and hours of operation | NIL |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | NIL |
| 3 | TWY edge and centre line lighting                        | NIL |
| 4 | Secondary power supply/switch-over time                  | NIL |
| 5 | Remarks                                                  | NIL |

**LSZC AD 2.16      HELICOPTER LANDING AREA**

|   |                                                           |                                                   |
|---|-----------------------------------------------------------|---------------------------------------------------|
| 1 | Coordinates TLOF or THR of FATO                           | NIL                                               |
|   | Geoid undulation                                          | NIL                                               |
| 2 | TLOF and/or FATO elevation                                | NIL                                               |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | NIL                                               |
| 4 | True BRG of FATO                                          | NIL                                               |
| 5 | Declared distance available                               | NIL                                               |
| 6 | APP and FATO lighting                                     | NIL                                               |
| 7 | Remarks                                                   | TLOF and Stand PSN as indicated by the marshaller |

**LSZC AD 2.17      ATS AIRSPACE**

|   |                                |                                                                                                                                                                                                      |
|---|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits | Buochs CTR O/R<br>47 03 00 N 008 28 20 E - 46 58 56 N 008 30 22 E - 46 57 46 N 008 30 42 E -<br>46 55 47 N 008 20 27 E - 47 00 37 N 008 18 33 E - 47 01 50 N 008 20 18 E -<br>47 03 00 N 008 28 20 E |
| 2 | Vertical limits                | FL 130                                                                                                                                                                                               |
| 3 | Airspace classification        | D                                                                                                                                                                                                    |
| 4 | ATS unit call sign Language(s) | En; En and Ge for Non-Commercial VFR traffic.                                                                                                                                                        |
| 5 | Transition altitude            | 7000 ft AMSL                                                                                                                                                                                         |
| 6 | Remarks                        | HX                                                                                                                                                                                                   |

**LSZC AD 2.18      ATS COMMUNICATION FACILITIES**

| Service designation | Call sign    | Frequency | Hours of Operation | Remarks                                                          |
|---------------------|--------------|-----------|--------------------|------------------------------------------------------------------|
| 1                   | 2            | 3         | 4                  | 5                                                                |
| TWR                 | Buochs Tower | 119.625   | HX                 | HX<br>Language: En; En and Ge for Non-Commercial VFR traffic.    |
| AD - Information    | NIL          | 134.130   | H24                | HX Status Information Buochs, Emmen and Alpnach (automatic tape) |

**LSZC AD 2.19      RADIO NAVIGATION AND LANDING AIDS**

| Type Category (Variation) | ID  | Frequency | Hours of operation | Site of transmitting antenna coordinates | Elevation of DME transmitting antenna | Remarks |
|---------------------------|-----|-----------|--------------------|------------------------------------------|---------------------------------------|---------|
| 1                         | 2   | 3         | 4                  | 5                                        | 6                                     | 7       |
| NIL                       | NIL | NIL       | NIL                | NIL                                      | NIL                                   | NIL     |

**LSZC AD 2.20      LOCAL AERODROME REGULATIONS**

**1.      Customs:**

Customs will be informed by AD Operator after receipt of FLT announcement and customs declaration form on <http://www.airportbuochs.ch>. Lead time:

Flights to Schengen area: 2 HR before ETD, 3 HR before ETA

Flights to third countries (Non-Schengen): 24 HR before ETD and ETA

- no commercial goods

- no tax-free fuel

**2.      Local flying restrictions:**

**2.1      The Airport is CLSD on the following days:**

Good FRI, Federal Prayday (3rd SUN in SEP), Christmas Day (25 DEC)

**2.2      Local HOL:**

Joseph's Day (19 MAR), Corpus Christi, Assumption Day, All Saints' Day (01 NOV), Immaculate Conception (08 DEC)

**2.3      Other than normal OPS:**

AD circuits, aerobatics, PJE and HEL OPS are restricted in accordance with the AD operating regulations. Appropriate information will be given by the AD authority.

**2.4      Flight operations outside TWR OPR HR:**

- NO IFR traffic allowed.

- ARR and DEP ACFT have to make blind transmissions on FREQ 119.625 MHz.

- TKOF must be performed from the beginning of RWY. INT TKOF are prohibited.

- The AP manager must always be mobilized for non home-based pilots.

- If ATS has to be provided outside TWR OPR HR, a charge for each operation will be levied.

Consult <http://www.airportbuochs.ch> (section Operation then Tariffs and Charges).

Special procedure for IFR-joinings (Z PLN) departing from LSZC. Before start-up, contact mandatory with:

- ACC Zurich (for FLT joining within the CTA Zurich), TEL +41 (0) 43 931 69 65

- ACC Geneva (for FLT joining within the CTA Geneva), TEL +41 (0) 22 747 13 91

**3. ACFT guidance on apron**

ACFT movement (TAX) during TWR OPR HR and with marshaller only.

**4. Departure**

At start-up, ACFT PSN must be reported.

**5. High-visibility jacket**

It is mandatory for all personnel remaining in the movement areas (ACFT, PRKG, TWY, RWY) to wear safety jackets. A yellow high-visibility safety jacket which complies with the EN471 standard must be worn.

**6. Pilatus Aircraft Ltd. operations****ONLY FOR PILOTS OPERATING FOR PILATUS AIRCRAFT LTD****6.1 Traffic light to Pilatus Aircraft Ltd:**

A traffic light regulates traffic between the public road and TWY D to Pilatus Aircraft Ltd. The system shall be ACT by the pilot himself. TWR FREQ may therefore be left for short moments. Aeroplanes on then Pilatus area shall request TAX clearance from the TWR before entering TWY D.

User instruction:

- Activation with three short radio SGL on 121.905 MHz, before crossing the inductive loop on TWY D. A sharp whistle follows as confirmation. Only then CONT slowly towards the crossing and cross over when the light turns green.
- The traffic light remains green for 2 MIN.
- If the traffic light cannot be ACT, contact TWR (OPR HR see AD 2.18). Otherwise give way to road traffic and cross the road at own risk.
- TWR cannot activate the traffic light once the aeroplane has crossed the inductive loop.

**6.2 Traffic light to H10:**

A traffic light regulates traffic between the public roads and TWY C to H10. The system shall be ACT by the pilot himself. TWR FREQ may therefore be left for short moments. Aeroplanes on area in front of H10 shall request TAX clearance from the TWR before entering TWY C.

User instruction:

- Activation with three short radio SGL on 121.705 MHz in an interval of half a second. A sharp whistle follows as confirmation. Only then, CONT slowly towards the crossing and cross over when the light turns green.
- The traffic light remains green for 2 MIN.
- If the traffic light cannot be ACT, give way to road traffic and cross the road at own risk or request a "follow-me" car from TWR.

**6.3 Barrier remote control RWY 06/24 (middle of the RWY) outside TWR OPR HR:**

- Instruction mandatory
- To activate the system, TRANS four short radio SGL on FREQ 119.625 MHz (at intervals of half a second).
- The barriers will be lowered within 30 sec and will remain CLSD for 4 MIN.
- After TKOF or LDG, the system shall be deactivated by transmitting six short radio SGL.
- The system will confirm by an automatic voice message the closure of the barriers as soon as they are lowered and the RWY lighting is on.
- No TKOF and LDG with OPN barrier. Without acoustic confirmation no TKOF or LDG permitted.
- Barriers must also be CLSD for backtracking.

## LSZC AD 2.21 NOISE ABATEMENT PROCEDURES

### 1. Auxiliary Power Unit (APU)

APU shall be started no earlier than 30 MIN before off-block time and kept in operation no longer than 30 MIN after the on-block time.

## LSZC AD 2.22 FLIGHT PROCEDURES

### 1. Special regulations for IFR approach and departure

#### 1.1 IFR procedure

##### 1.1.1 SID Descriptions

Procedure limited to pilots operating for Pilatus Aircraft Ltd.

##### 1.1.1.1 SID RWY 24 (see chart LSZC AD 2.24.7 - 1)

| DESIGNATOR                                                                                                                              | RWY 24 - NON RNAV                                                                                                                               |                                                                               |         |          |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------|----------|
|                                                                                                                                         | ROUTE                                                                                                                                           |                                                                               |         | Remark   |
|                                                                                                                                         | Lateral                                                                                                                                         | Vertical                                                                      | Contact |          |
| <b>WILLISAU 3A</b><br>(WIL 3A)<br>PDG 13.3% to 7100ft<br>MNM Climb gradient<br>13.3% to 7600ft to remain<br>inside controlled Airspace. | Climb on CRS244. When crossing R158 (ZC601) turn right (MAX IAS 230kt during turn) and intercept R158 WIL inbound WIL. Proceed to WIL DVOR/DME. | Cross R158 WIL (ZC601) at FL100 or above.<br>INITIAL CLIMB<br>CLEARANCE FL100 | NIL     | Day only |

##### 1.1.2 STAR Descriptions (see chart LSZC AD 2.24.9 - 1)

| SPEED LIMITATION:                    |  |
|--------------------------------------|--|
| General: Below FL 100 MAX IAS 250kt. |  |

| DESIGNATOR                  | STAR TO RONIX - RNAV 1       |                |                                                    |
|-----------------------------|------------------------------|----------------|----------------------------------------------------|
|                             | ROUTE                        |                | Remark                                             |
|                             | Lateral                      | Vertical       |                                                    |
| <b>ASGED 1F</b>             | From ASGED proceed to RONIX. | Refer to chart | MAX IAS 200 kt at ASGED<br>MAX IAS 180 kt at RONIX |
| <b>WILLISAU 2F</b> (WIL 2F) | From WIL proceed to RONIX    | Refer to chart | MAX IAS 180 kt at RONIX                            |

| RNAV STAR ASGED 1F |          |         |               |                  |                |               |
|--------------------|----------|---------|---------------|------------------|----------------|---------------|
| Path terminator    | Waypoint | Flyover | Altitude (ft) | Speed limit (kt) | Track          | Distance (NM) |
| -                  | ASGED    | N       | -             | 200              | -              | -             |
| TF                 | RONIX    | N       | +6000         | 180              | 261° (263.0°T) | 4.7           |

| RNAV STAR WIL 2F |          |         |               |                  |                |               |
|------------------|----------|---------|---------------|------------------|----------------|---------------|
| Path terminator  | Waypoint | Flyover | Altitude (ft) | Speed limit (kt) | Track          | Distance (NM) |
| -                | WIL      | N       | -             | -                | -              | -             |
| TF               | RONIX    | N       | +6000         | 180              | 081° (082.5°T) | 22.7          |



1.1.3 Approach procedure

1.1.3.1 Special regulation for IFR approach RNP A

Procedure limited to pilots operating for Pilatus Aircraft Ltd.

The APCH shall be used during HR of daylight only.  
CTR 2 Emmen needs to be ACT for APCHs below 3500 ft AMSL.

1.1.3.2 RAIM

No NOTAM RAIM service will be provided. It is the operator's responsibility to check RAIM availability. Due to the high terrain, a mask angle of 12.5 DEG should be chosen. EUROCONTROL provides the AUGUR tool for checking RAIM. It is AVBL from the following link: <https://augur.eurocontrol.int>

1.1.3.3 Procedure description of RNP A (see chart LSZC AD 2.24.10 - 1)

| RNP A           |          |         |               |                  |                |               |
|-----------------|----------|---------|---------------|------------------|----------------|---------------|
| Path terminator | Waypoint | Flyover | Altitude (ft) | Speed limit (kt) | Track          | Distance (NM) |
| -               | RONIX    | N       | +6000         | 180              | -              | -             |
| TF              | ZC700    | N       | -             | 150              | 129° (130.7°T) | 3.6           |
| TF              | ZC701    | N       | -             | -                | 181° (182.9°T) | 2.0           |
| TF              | KUSIX    | N       | +4500         | -                | 216° (217.9°T) | 2.7           |
| TF              | ZC760    | Y       | -             | -                | 216° (217.8°T) | 5.6           |
| DF              | ZC752    | N       | -             | 150              | -              | -             |
| TF              | ZC753    | N       | -             | -                | 038° (039.9°T) | 5.6           |
| TF              | RONIX    | N       | +6000         | -                | 082° (083.5°T) | 9.3           |

1.2 VFR procedure

Refer to VFR Manual, LSZC AD INFO.

1.3 Supplementary provisions regarding VFR-flights

Refer to VFR Manual, LSZC AD INFO.

2. Minima for IFR departures (TKOF minima)

| RWY | ACFT CAT | RVR (m) / Ceiling (ft AGL) |                   |                    | RMK |
|-----|----------|----------------------------|-------------------|--------------------|-----|
|     |          | No LGT AVBL                | REDL or RCLL AVBL | REDL and RCLL AVBL |     |
| 24  | A        | 1400/---                   | 1400/---          | ---                | NIL |
|     | B        | 1400/---                   | 1400/---          | ---                |     |
|     | C        | 1400/---                   | 1400/---          | ---                |     |
|     | D        | 1400/---                   | 1400/---          | ---                |     |

LSZC AD 2.23

ADDITIONAL INFORMATION

1.

List of significant points (Terminal)

| NAV point | COORD WGS84  |               | Purpose                          |
|-----------|--------------|---------------|----------------------------------|
|           | LAT          | LONG          |                                  |
| 1         | 2            |               | 3                                |
| KUSIX     | N 47 07 06.8 | E 008 28 47.0 | RNP APCH LSZC                    |
| ZC601     | N 46 52 22.6 | E 008 04 04.6 | SID LSZC                         |
| ZC700     | N 47 11 14.6 | E 008 31 23.3 | RNP APCH LSZC, GNSS LFN on trial |
| ZC701     | N 47 09 16.6 | E 008 31 14.7 | RNP APCH LSZC                    |
| ZC752     | N 47 08 13.3 | E 008 08 36.2 | RNP APCH LSZC                    |
| ZC753     | N 47 12 32.6 | E 008 13 54.5 | RNP APCH LSZC                    |
| ZC760     | N 47 02 41.4 | E 008 23 45.7 | RNP APCH LSZC                    |

2.

Bird concentrations in the vicinity of the airport

Tracer shots will be fired OCNL.

LSZC AD 2.24

AERONAUTICAL CHARTS RELATED TO AN AERODROME

| Name                                       | Page              |
|--------------------------------------------|-------------------|
| Aerodrome Chart                            | LSZC AD 2.24.1-1  |
| Aerodrome Obstacle Chart - Type A - RWY 24 | LSZC AD 2.24.4.1  |
| SID RWY 24 - NON RNAV                      | LSZC AD 2.24.7.1  |
| STAR to RONIX - RNAV 1                     | LSZC AD 2.24.9-1  |
| IAC RNP A CAT A/B                          | LSZC AD 2.24.10-1 |
| IAC VIS APCH                               | LSZC AD 2.24.10-3 |

LSZC AD 2.25

VISUAL SEGMENT SURFACE (VSS) PENETRATION

To be completed. See relevant approach charts for details.