

SWITZERLAND

TEL: +41 (0) 43 931 61 68

Telegraphic address:

AFTN: LSSAYOYX

E-mail: aip@skyguide.ch

skyguide

AIP Services

CH-8602 WANGEN
BEI DÜBENDORF

AIP

AMDT 012 2024

Effective Date 28 NOV 2024

RMK

Filing instruction: Insert this AMDT into AIP after inserting AIRAC AMDT of same effective date, if issued.

1. Insert the following pages:

GEN 0.2 - 11/12
GEN 0.3 - 1/2
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GEN 0.4 - 5/6
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| 28 NOV 2024 | GEN 0.4 - 1/2 | AIRAC 28 NOV 2024 |
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| 28 NOV 2024 | GEN 1.2 - 7/8 | 11 DEC 2014 |
| 28 NOV 2024 | GEN 2.2 - 1/2 | 11 JUL 2024 |
| 28 NOV 2024 | GEN 2.2 - 5/6 | 11 JUL 2024 |
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2. Record entry of amendment on page GEN 0.2

3. This AIP AMDT incorporates information contained in the following publications:

NOTAM: B1339/24

AIP SUP: NIL

AIC: NIL

Enroute chart: NIL

4. Following SUP and AIRAC SUP are still in force:

Checklist SUP: 003 2024, 005 2024

Checklist AIRAC SUP: NIL

Insert the following pages:

LSGG AD 2 - 3/4
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LSGG AD 2.24.2 - 1/2
LSGG AD 2.24.3 - 1/2
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| AIP Amendment | | | |
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| NR/Year | Effective date | Date inserted | Inserted by |
| 006/2021 | 17-Jun-2021 | 17-Jun-2021 | |
| 007/2021 | 15-Jul-2021 | 15-Jul-2021 | |
| 008/2021 | 12-Aug-2021 | 12-Aug-2021 | |
| 009/2021 | 09-Sep-2021 | 09-Sep-2021 | |
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| 013/2021 | 30-Dec-2021 | 30-Dec-2021 | |
| 001/2022 | 27-Jan-2022 | 27-Jan-2022 | |
| 002/2022 | 24-Feb-2022 | 24-Feb-2022 | |
| 003/2022 | 24-Mar-2022 | 24-Mar-2022 | |
| 004/2022 | 21-Apr-2022 | 21-Apr-2022 | |
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| 012/2022 | 01-Dec-2022 | 01-Dec-2022 | |
| 013/2022 | 29-Dec-2022 | 29-Dec-2022 | |
| 001/2023 | 26-Jan-2023 | 26-Jan-2023 | |
| 002/2023 | 23-Feb-2023 | 23-Feb-2023 | |
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| 007/2023 | 13-Jul-2023 | 13-Jul-2023 | |
| 008/2023 | 10-Aug-2023 | 10-Aug-2023 | |
| 009/2023 | 07-Sep-2023 | 07-Sep-2023 | |
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| 002/2024 | 22-Feb-2024 | 22-Feb-2024 | |
| 003/2024 | 21-Mar-2024 | 21-Mar-2024 | |
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| 005/2024 | 16-May-2024 | 16-May-2024 | |

| AIP Amendment | | | |
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| NR/Year | Effective date | Date inserted | Inserted by |
| 006/2024 | 13-Jun-2024 | 13-Jun-2024 | |
| 007/2024 | 11-Jul-2024 | 11-Jul-2024 | |
| 008/2024 | 08-Aug-2024 | 08-Aug-2024 | |
| 009/2024 | 05-Sep-2024 | 05-Sep-2024 | |
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GEN 0.3 RECORD OF SUPPLEMENTS

| NR/Year | Subject | AIP Section(s) Affected | Period of Validity | Cancellation Record |
|----------|--|----------------------------|-----------------------|---------------------|
| 003/2024 | Zurich Airport (LSZH) - Project Reconstruction Apron South - Phase B1 - INNER | LSZH | 13-JUN-2024 | 22-DEC-2025 |
| 005/2024 | Geneva Airport LSGG - Temporary crane in AOC Chart - Type A - RWY 22 | LSGG | 08-AUG-2024 | UFN |

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GEN 0.4 CHECKLIST OF AIP PAGES

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| | | GEN 1.7 - 17 | 20 APR 2023 | GEN 3.3 - 6 | AIRAC 13 JUN 2024 |
| | | GEN 1.7 - 18 | 20 APR 2023 | GEN 3.3 - 7 | AIRAC 13 JUN 2024 |
| GEN 0.1 - 1 | 10 AUG 2023 | GEN 1.7 - 19 | 20 APR 2023 | GEN 3.3 - 8 | AIRAC 13 JUN 2024 |
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| GEN 0.1 - 3 | 01 MAY 2014 | GEN 1.7 - 21 | 26 JAN 2023 | GEN 3.4 - 2 | 02 DEC 2021 |
| GEN 0.1 - 4 | 01 MAY 2014 | GEN 1.7 - 22 | 26 JAN 2023 | GEN 3.4 - 3 | 21 MAR 2024 |
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| GEN 4.2 - 5 | 30 MAR 2017 | ENR 1.9 - 4 | AIRAC 22 FEB 2024 | ENR 3.2 - 21 | AIRAC 03 OCT 2024 |
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| GEN 4.2 - 14 | 18 APR 2024 | ENR 1.11 - 3 | 28 MAY 2015 | ENR 3.2 - 30 | AIRAC 28 NOV 2024 |
| GEN 4.2 - 15 | 18 APR 2024 | ENR 1.11 - 4 | 28 MAY 2015 | ENR 3.2 - 31 | AIRAC 13 JUN 2024 |
| GEN 4.2 - 16 | 18 APR 2024 | ENR 1.12 - 1 | 28 MAY 2015 | ENR 3.2 - 32 | AIRAC 13 JUN 2024 |
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| ENR 3.2 - 38 | AIRAC 13 JUN 2024 | ENR 4.1 - 1 | AIRAC 31 OCT 2024 | ENR 5.2 - 30 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 39 | AIRAC 31 OCT 2024 | ENR 4.1 - 2 | AIRAC 31 OCT 2024 | ENR 5.2 - 31 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 40 | AIRAC 31 OCT 2024 | ENR 4.2 - 1 | 26 JAN 2023 | ENR 5.2 - 32 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 41 | AIRAC 31 OCT 2024 | ENR 4.2 - 2 | 26 JAN 2023 | ENR 5.2 - 33 | AIRAC 23 MAR 2023 |
| ENR 3.2 - 42 | AIRAC 31 OCT 2024 | ENR 4.3 - 1 | 15 JUL 2021 | ENR 5.2 - 34 | AIRAC 23 MAR 2023 |
| ENR 3.2 - 43 | AIRAC 31 OCT 2024 | ENR 4.3 - 2 | 15 JUL 2021 | ENR 5.2 - 35 | AIRAC 23 MAR 2023 |
| ENR 3.2 - 44 | AIRAC 31 OCT 2024 | ENR 4.4 - 1 | AIRAC 13 JUN 2024 | ENR 5.2 - 36 | AIRAC 23 MAR 2023 |
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| ENR 3.2 - 47 | AIRAC 13 JUN 2024 | ENR 4.4 - 4 | AIRAC 31 OCT 2024 | ENR 5.2 - 39 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 48 | AIRAC 13 JUN 2024 | ENR 4.4 - 5 | AIRAC 31 OCT 2024 | ENR 5.2 - 40 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 49 | AIRAC 13 JUN 2024 | ENR 4.4 - 6 | AIRAC 31 OCT 2024 | ENR 5.2 - 41 | 13 JUN 2024 |
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| ENR 3.2 - 51 | AIRAC 13 JUN 2024 | ENR 4.4 - 8 | AIRAC 31 OCT 2024 | ENR 5.3 - 1 | 05 SEP 2024 |
| ENR 3.2 - 52 | AIRAC 13 JUN 2024 | ENR 4.4 - 9 | AIRAC 31 OCT 2024 | ENR 5.3 - 2 | 05 SEP 2024 |
| ENR 3.2 - 53 | AIRAC 13 JUN 2024 | ENR 4.4 - 10 | AIRAC 31 OCT 2024 | ENR 5.4 - 1 | 18 APR 2024 |
| ENR 3.2 - 54 | AIRAC 13 JUN 2024 | ENR 4.4 - 11 | AIRAC 31 OCT 2024 | ENR 5.4 - 2 | 18 APR 2024 |
| ENR 3.2 - 55 | AIRAC 31 OCT 2024 | ENR 4.4 - 12 | AIRAC 31 OCT 2024 | ENR 5.5 - 1 | AIRAC 21 MAR 2024 |
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| ENR 3.2 - 61 | AIRAC 31 OCT 2024 | ENR 5.1 - 2 | AIRAC 21 MAR 2024 | ENR 5.5 - 7 | AIRAC 24 MAR 2022 |
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| ENR 3.2 - 64 | AIRAC 28 NOV 2024 | ENR 5.1 - 5 | AIRAC 21 MAR 2024 | ENR 5.5 - 10 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 65 | AIRAC 31 OCT 2024 | ENR 5.1 - 6 | AIRAC 21 MAR 2024 | ENR 5.5 - 11 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 66 | AIRAC 31 OCT 2024 | ENR 5.1 - 7 | AIRAC 21 MAR 2024 | ENR 5.5 - 12 | AIRAC 21 MAR 2024 |
| ENR 3.2 - 67 | AIRAC 13 JUN 2024 | ENR 5.1 - 8 | AIRAC 21 MAR 2024 | ENR 5.5 - 13 | 13 JUN 2024 |
| ENR 3.2 - 68 | AIRAC 13 JUN 2024 | ENR 5.1 - 9 | 16 MAY 2024 | ENR 5.5 - 14 | 13 JUN 2024 |
| ENR 3.2 - 69 | AIRAC 31 OCT 2024 | ENR 5.1 - 10 | 16 MAY 2024 | ENR 5.5 - 15 | AIRAC 21 MAR 2024 |
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| ENR 3.2 - 71 | AIRAC 13 JUN 2024 | ENR 5.1 - 12 | AIRAC 21 MAR 2024 | ENR 5.5 - 17 | 11 JUL 2024 |
| ENR 3.2 - 72 | AIRAC 13 JUN 2024 | ENR 5.1 - 13 | AIRAC 21 MAR 2024 | ENR 5.5 - 18 | 11 JUL 2024 |
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| ENR 3.2 - 76 | AIRAC 13 JUN 2024 | ENR 5.1 - 17 | 11 JUL 2024 | ENR 5.6 - 2 | 15 OCT 2015 |
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| ENR 3.2 - 85 | AIRAC 13 JUN 2024 | ENR 5.2 - 6 | AIRAC 21 MAR 2024 | ENR 6.1 - 1 | 05 SEP 2024 |
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| ENR 3.2 - 87 | AIRAC 13 JUN 2024 | ENR 5.2 - 8 | AIRAC 21 MAR 2024 | ENR 6.3 - 1 | AIRAC 31 OCT 2024 |
| ENR 3.2 - 88 | AIRAC 13 JUN 2024 | ENR 5.2 - 9 | AIRAC 21 MAR 2024 | ENR 6.3 - 2 | AIRAC 31 OCT 2024 |
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| ENR 3.3 - 2 | AIRAC 22 FEB 2024 | ENR 5.2 - 11 | AIRAC 21 MAR 2024 | ENR 6.4 - 2 | AIRAC 31 OCT 2024 |
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| ENR 3.3 - 5 | AIRAC 22 FEB 2024 | ENR 5.2 - 14 | AIRAC 21 MAR 2024 | ENR 6.7 - 1 | 18 MAY 2023 |
| ENR 3.3 - 6 | AIRAC 22 FEB 2024 | ENR 5.2 - 15 | AIRAC 21 MAR 2024 | ENR 6.7 - 2 | 18 MAY 2023 |
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| ENR 3.3 - 12 | AIRAC 31 OCT 2024 | ENR 5.2 - 21 | AIRAC 21 MAR 2024 | | |
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| AD 0.6 - 3 | 28 DEC 2023 | LSZB AD 2.24.10 - 4 | 10 AUG 2023 | LSGG AD 2 - 1 | AIRAC 31 OCT 2024 |
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| AD 0.6 - 5 | 28 DEC 2023 | LSZB AD 2.24.10 - 6 | 13 JUN 2024 | LSGG AD 2 - 3 | 28 NOV 2024 |
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| AD 0.6 - 9 | 28 DEC 2023 | LSZB AD 2.24.10 - 10 | 07 SEP 2023 | LSGG AD 2 - 7 | AIRAC 08 AUG 2024 |
| AD 0.6 - 10 | 28 DEC 2023 | LSZB AD 2.24.10 - 11 | 10 AUG 2023 | LSGG AD 2 - 8 | AIRAC 08 AUG 2024 |
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| AD 0.6 - 12 | 28 DEC 2023 | LSZB AD 2.24.13 - 1 | AIRAC 31 OCT 2024 | LSGG AD 2 - 10 | 28 NOV 2024 |
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| AD 1.1 - 4 | 28 NOV 2024 | LSZC AD 2 - 3 | 28 NOV 2024 | LSGG AD 2 - 16 | AIRAC 31 OCT 2024 |
| AD 1.1 - 5 | 19 MAY 2022 | LSZC AD 2 - 4 | 28 NOV 2024 | LSGG AD 2 - 17 | AIRAC 31 OCT 2024 |
| AD 1.1 - 6 | 19 MAY 2022 | LSZC AD 2 - 5 | 25 JAN 2024 | LSGG AD 2 - 18 | AIRAC 31 OCT 2024 |
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| AD 1.3 - 4 | AIRAC 25 JAN 2024 | LSZC AD 2.24.4 - 1 | 30 DEC 2021 | LSGG AD 2 - 26 | AIRAC 31 OCT 2024 |
| AD 1.3 - 5 | AIRAC 25 JAN 2024 | LSZC AD 2.24.4 - 2 | 30 DEC 2021 | LSGG AD 2 - 27 | AIRAC 31 OCT 2024 |
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| LSZB AD 2 - 9 | AIRAC 08 AUG 2024 | LSGC AD 2 - 4 | 18 APR 2024 | LSGG AD 2 - 41 | AIRAC 31 OCT 2024 |
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| LSZB AD 2 - 18 | AIRAC 31 OCT 2024 | LSGC AD 2 - 13 | 28 DEC 2023 | LSGG AD 2 - 50 | AIRAC 31 OCT 2024 |
| LSZB AD 2 - 19 | AIRAC 08 AUG 2024 | LSGC AD 2 - 14 | 28 DEC 2023 | LSGG AD 2 - 51 | AIRAC 31 OCT 2024 |
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| LSZB AD 2.24.1 - 2 | 26 JAN 2023 | LSGC AD 2.24.1 - 1 | AIRAC 02 NOV 2023 | LSGG AD 2.24.1 - 2 | 28 NOV 2024 |
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| LSZB AD 2.24.2 - 2 | 02 NOV 2023 | LSGC AD 2.24.2 - 1 | AIRAC 02 NOV 2023 | LSGG AD 2.24.2 - 2 | 28 NOV 2024 |
| LSZB AD 2.24.4 - 1 | 14 JUL 2022 | LSGC AD 2.24.2 - 2 | AIRAC 02 NOV 2023 | LSGG AD 2.24.3 - 1 | 28 NOV 2024 |
| LSZB AD 2.24.4 - 2 | 14 JUL 2022 | LSGC AD 2.24.4 - 1 | AIRAC 07 SEP 2023 | LSGG AD 2.24.3 - 2 | 28 NOV 2024 |
| LSZB AD 2.24.4 - 3 | 14 JUL 2022 | LSGC AD 2.24.4 - 2 | AIRAC 07 SEP 2023 | LSGG AD 2.24.3 - 3 | 03 OCT 2024 |
| LSZB AD 2.24.4 - 4 | 14 JUL 2022 | LSGC AD 2.24.7 - 1 | AIRAC 31 OCT 2024 | LSGG AD 2.24.3 - 4 | 03 OCT 2024 |
| LSZB AD 2.24.6 - 1 | AIRAC 31 OCT 2024 | LSGC AD 2.24.7 - 2 | AIRAC 31 OCT 2024 | LSGG AD 2.24.4 - 1 | AIRAC 31 OCT 2024 |
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| LSGG AD 2.24.7 - 6 | AIRAC 31 OCT 2024 | LSZA AD 2 - 9 | AIRAC 08 AUG 2024 | LSZR AD 2 - 2 | 05 SEP 2024 |
| LSGG AD 2.24.7 - 7 | AIRAC 31 OCT 2024 | LSZA AD 2 - 10 | AIRAC 08 AUG 2024 | LSZR AD 2 - 3 | 28 NOV 2024 |
| LSGG AD 2.24.7 - 8 | AIRAC 31 OCT 2024 | LSZA AD 2 - 11 | 03 OCT 2024 | LSZR AD 2 - 4 | 28 NOV 2024 |
| LSGG AD 2.24.9 - 1 | AIRAC 31 OCT 2024 | LSZA AD 2 - 12 | 03 OCT 2024 | LSZR AD 2 - 5 | 28 NOV 2024 |
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| LSGG AD 2.24.9 - 10 | AIRAC 31 OCT 2024 | LSZA AD 2 - 21 | AIRAC 08 AUG 2024 | LSZR AD 2 - 14 | 20 MAY 2021 |
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| LSZG AD 2 - 4 | 28 NOV 2024 | LSZA AD 2.24.10 - 1 | 30 JAN 2020 | LSZR AD 2.24.7 - 8 | AIRAC 05 NOV 2020 |
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| LSZG AD 2.24.2 - 3 | 25 FEB 2021 | LSMP AD 2 - 12 | AIRAC 31 OCT 2024 | LSZS AD 2 - 1 | 05 SEP 2024 |
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| LSZG AD 2.24.4 - 1 | 26 APR 2018 | LSMP AD 2 - 14 | AIRAC 31 OCT 2024 | LSZS AD 2 - 3 | 28 NOV 2024 |
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| LSZH AD 2.24.10.3 - 1 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.3 - 2 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.3 - 3 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.3 - 4 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.3 - 5 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.3 - 6 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.3 - 7 | AIRAC 02 DEC 2021 | | | | |
| LSZH AD 2.24.10.3 - 8 | AIRAC 02 DEC 2021 | | | | |
| LSZH AD 2.24.10.4 - 1 | 07 OCT 2021 | | | | |
| LSZH AD 2.24.10.4 - 2 | 07 OCT 2021 | | | | |
| LSZH AD 2.24.10.4 - 3 | AIRAC 03 OCT 2024 | | | | |
| LSZH AD 2.24.10.4 - 4 | AIRAC 03 OCT 2024 | | | | |
| LSZH AD 2.24.10.4 - 5 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.4 - 6 | AIRAC 15 JUN 2023 | | | | |
| LSZH AD 2.24.10.4 - 7 | 18 APR 2024 | | | | |
| LSZH AD 2.24.10.4 - 8 | 18 APR 2024 | | | | |
| LSZH AD 2.24.13 - 1 | AIRAC 24 MAR 2022 | | | | |
| LSZH AD 2.24.13 - 2 | AIRAC 24 MAR 2022 | | | | |

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GEN 1.2 ENTRY, TRANSIT AND DEPARTURE OF AIRCRAFT**1. General**

Civil ACFT registered in a member State of ICAO do not need prior permission to overfly Swiss territory or to land at Swiss APs for non-commercial purposes (article 5 of the Convention on International Civil Aviation done at Chicago on 07 DEC 1944).

Entry, transit, DEP and LDGs shall be performed in accordance with the civil aviation legislation of Switzerland (details given in Section [GEN 1.6.1.](#)).

For commercial flights to/from Switzerland, Third Country Operator require a TCO Authorisation issued by EASA according to Regulation (EU) No. 452/2014. For overflights without planned landing, a TCO authorisation is not required.

ACFT flying into or departing from Swiss territory shall make their first LDG at, or final DEP from, an international AD/heliport REF: AD 2.3. OPERATIONAL HOURS

Private ACFT may also DEP from a limited number of other ADs REF: VFR Manual, VFR AGA 1-0-1 § 2.

The competent customs office will decide on the appropriate clearance procedure.

1.1 Insurance requirements for ACFT using Swiss airspace

Third-party legal liability is to be ensured for each occurrence of damage (material damage and bodily injury) to at least the following:

for ACFT with a MTOM:

| | | | | minimum amount of liability (in millions of special drawing rights (SDR)) | |
|----|---|------------|----|--|------------------|
| a. | from | 0 | to | 499 kg | 0,75 |
| b. | from | 500 | to | 999 kg | 1,5 |
| c. | from | 1 000 | to | 2 699 kg | 3 |
| d. | from | 2 700 | to | 5 999 kg | 7 |
| e. | from | 6 000 | to | 11 999 kg | 18 |
| f. | from | 12 000 | to | 24 999 kg | 80 |
| g. | from | 25 000 | to | 49 999 kg | 150 |
| h. | from | 50 000 | to | 199 999 kg | 300 |
| i. | from | 200 000 | to | 499 999 kg | 500 |
| j. | over | 500 000 kg | | | 700 |
| k. | parachutes, hang-glidern, kites, captive balloons | | | | 1 000 000.-- CHF |

(REF: SR 748.01: art. 125, 132a; SR 748.941.)

Legal liability for passengers is to be ensured at an amount of 250 000 special drawing rights (SDR) per passenger.

On non-commercial FLT with ACFT with a MTOM less than 2 700 kg, the amount can be lower, but leastwise 128 821 SDR per passenger. On non-commercial FLT without passengers, insurance for passengers is not mandatory.

Additional insurance requirements for commercial operations:

- Legal liability in respect of baggage, the minimum insurance liability is to be ensured at an amount of 1288 special drawing rights (SDR) per passenger.
- Legal liability in respect of cargo, the minimum insurance liability is to be ensured at an amount of 22 special drawing rights (SDR) per kilogram.

SDR, as defined by the international monetary fund. For more info:

URL: <http://www.imf.org/external/np/exr/facts/sdr.HTM>

2. Scheduled flights

2.1 General

Scheduled FLTs may only be performed by an airline holding a concession issued by the Federal Office of Civil Aviation FOCA or by an airline which, on the basis of a bilateral agreement between Switzerland and the country which is the principal place of business of the airline, has been granted and is in possession of an AUTH to operate scheduled FLTs.

The definition of scheduled flights is determined in Swiss Federal Aviation Ordinance (SR 748.01 art. 110).

2.2 Request Traffic Rights

Requests for scheduled flights must be submitted 30 days before they become effective by using the application form(s), AVBL on:

URL: [Traffic rights \(admin.ch\)](http://www.admin.ch/trafficrights)

The air carrier shall file with the Federal Office of Civil Aviation FOCA the flight schedules for each summer and winter schedule period at least 30 days before they become effective by e-mail to

Email: trafficrights@bazl.admin.ch.

Schedules for LSGG and LSZH shall be submitted only with allocated airport slots by the Slot Coordination Switzerland.

In accordance with Regulation (EC) Nr. 1008/2008 operator from EU/EFTA Member States are authorised to exercise scheduled flights on routes within the EU/EFTA States. A separate application or notification is not required. Flights within EU/EFTA States in cooperation (code share) with third country operators must be filed with the Federal Office of Civil Aviation FOCA.

Cabotage flights within Switzerland are not allowed to foreign operators (SR 748.0 art. 32).

2.3 Security plan

Every air transport company flying to and from Switzerland is required to submit a security plan to FOCA for APV or to submit the APV of such a plan by the competent authority of the country in which it has its principal place of business.

2.4 Required clearance documents

Documents to be carried on board of ACFT engaged in scheduled air services are listed in [GEN 1.2.6](#).

These documents must be produced in the original.

The operator is obliged to file with the AP administration all information required for the establishment of the air traffic statistics.

2.5 Public health

Switzerland does not exercise systematic health control at points of entry. The Federal Office of Public Health (FOPH) exercises health-related oversight responsibilities. To prevent the international spread of disease, the FOPH decides on special measures. The International Health Regulations 2005 (IHR 2005), adopted by the World Health Assembly on 23 MAY 2005, in force since 15 JUN 2007, are applicable. Switzerland has designated the airports of Zurich (LSZH) and Genève (LSGG) according to the requirements of the IHR 2005.

3. Non-scheduled flights

3.1 General

All commercial FLTs which are not carried out for the transportation of passengers and goods on scheduled air services are considered to be non-scheduled FLTs.

The delimitation between scheduled air services and other kinds of commercial air transport is determined in Swiss Federal Aviation Ordinance (SR 748.128).

The Office (FOCA) may restrict or refuse non-scheduled commercial FLTs of foreign air carriers if the reciprocity granted by the State of origin of the applicant is of no economic value to Swiss air carriers or if essential Swiss interests would be affected by the FLTs applied for.

3.2 Requests Traffic Rights

For non-scheduled commercial FLT's a prior permission from the Federal Office of Civil Aviation FOCA is required. This permission is not transferable and is only granted to carriers duly authorised by their State of origin to carry out international non-scheduled FLT's.

Third country operators must hold a Third Country Operator (TCO) authorisation issued by EASA.

In accordance with Regulation (EC) Nr. 1008/2008 operators from EU/EFTA Member States are authorised to exercise non-scheduled flights on routes within the EU/EFTA States. A separate application or notification is not required. Flights to/from NON-EU/EFTA States require prior permission.

Certain non-scheduled FLT's operated by air carriers of States party to the Multilateral Agreement on Commercial Rights of Non-scheduled Air Services in Europe of 30 APR 1956 are not subject to prior permission.

Cabotage flights within Switzerland are not allowed to foreign operators (SR 748.0 art. 32).

For all FLT's requiring a permission the following procedure must be OBS:

a. Single flights

Requests for single FLT's or not more than three FLT's within three consecutive months must be submitted at least 3 working days before DEP to:

Email: trafficrights@bazl.admin.ch

b. Series of flights

Requests for series of more than three FLT's within three consecutive months must be submitted 30 days before start of operations by using the application form(s), AVBL on:

URL: [Traffic rights \(admin.ch\)](http://Traffic%20rights%20(admin.ch))

Modifications or amendments to FLT programmes have to be submitted immediately for APV by e-mail to:

Email: trafficrights@bazl.admin.ch

3.3 Required clearance documents

Documents to be carried on board ACFT engaged in non-scheduled FLT's are listed in ([GEN 1.2.6.](#)). These documents must be produced in the original.

The operator is obliged to file with the AP administration all information required for the establishment of the air traffic statistics.

3.4 Public health

Switzerland does not exercise systematic health control at points of entry. The Federal Office of Public Health (FOPH) exercises health-related oversight responsibilities. To prevent the international spread of disease, the FOPH decides on special measures. The International Health Regulations 2005 (IHR 2005), adopted by the World Health Assembly on 23 MAY 2005, in force since 15 JUN 2007, are applicable. Switzerland has designated the airports of Zurich (LSZH) and Genève (LSGG) according to the requirements of the IHR 2005.

4. Private flights

4.1 General

Private FLT's of foreign civil ACFT to and from Switzerland are not subject to prior permission provided the ACFT is registered in a Member State of ICAO and operated under a Standard Airworthiness Certificate.

4.2 Required clearance documents

Documents to be carried on board of ACFT are listed in ([GEN 1.2.6](#)). These documents must be produced in the original.

The operator is obliged to file with the AP administration all information required for the establishment of the air traffic statistics.

4.3 Public health

Switzerland does not exercise systematic health control at points of entry. The Federal Office of Public Health (FOPH) exercises health-related oversight responsibilities. To prevent the international spread of disease, the FOPH decides on special measures. The International Health Regulations 2005 (IHR 2005), adopted by the World Health Assembly on 23 MAY 2005, in force since 15 JUN 2007, are applicable. Switzerland has designated the airports of Zurich (LSZH) and Genève (LSGG) according to the requirements of the IHR 2005.

5. Flights operated for missions on behalf of State, military, customs and police

5.1 General information

Pursuant to the Convention on International Civil Aviation done at Chicago on 07 DEC 1944, and in application of article 4 of the Ordinance on the Safeguarding of the Sovereignty of Swiss Airspace (SR 748.111.1), non-Swiss State FLT's within the territory of Switzerland and the Principality of Liechtenstein require a Swiss Diplomatic Clearance, issued by the Federal Office of Civil Aviation (FOCA).

5.2 State flights

State FLT's are FLT's operated for missions for State, MIL, Customs and Police interests.

This includes, in particular:

- a. Missions:
 - FLT's on State affairs
 - Transport of heads of State and senior dignitaries travelling on State business
 - Current Police and Customs operations
 - MIL FLT's
- b. ACFT if used in missions as per a):
 - State ACFT
 - All ACFT (including leased or rented)
 - MIL ACFT (in use by the State and MIL)
 - Police and Customs ACFT

The following are excluded:

- Routine patrol FLT's by State, Police and Customs ACFT
- MIL ACFT operated by a non-MIL support or manufacturing service

5.3 Restrictions

By agreement with Switzerland's Federal Department of Foreign Affairs (FDFA) and the Department of Defence, Civil Protection and Sport (DDPS), FOCA grants AUTHs only with due consideration of Switzerland's policy of neutrality and the safeguarding of the sovereignty of Swiss airspace.

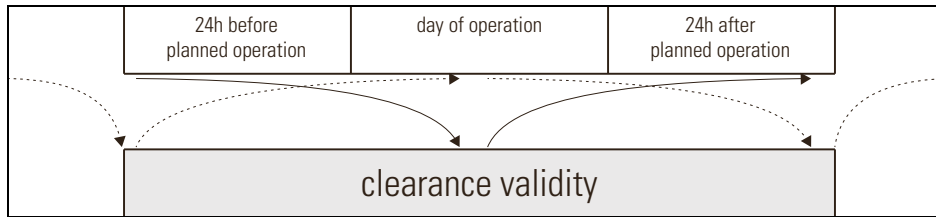
Consequently, FLT's that breach the rules of international law and FLT's used for the direct preparation and/or the assistance of hostilities may not be carried out within the airspace of the Swiss Confederation and the Principality of Liechtenstein, and are not authorised.

Switzerland supports the operations of the Organisation for Security and Cooperation in Europe (OSCE), the Organisation for the Prohibition of Chemical Weapons (OPCW) and the United Nations (UN) in connection with the conditions mentioned in Section 5.4.2.2.

5.4.1.2 Validity

Single AUTHs are valid for the specific FLT in each case, and lapse once the authorised term has expired.

Unless stipulated otherwise by FOCA at the time of granting the AUTH, single AUTHs are valid on the day preceding and the day following the day specified for the State FLT to take place.



State FLTs are permitted at Swiss APs only during the OPN HR for private traffic; these are published in the Swiss AIP. Applications for FLTs taking place outside these OPN times must provide details of appropriate reasons for this. In these cases, the compulsory latest LDG or DEP time is specified in the AUTH.

Where there is good reason to do so, FOCA will also grant AUTHs with a longer period of validity, upon application.

5.4.2 Long-term authorisation

Long-term AUTHs are valid only for overflights within Swiss territory and the territory of the Principality of Liechtenstein, and for FLTs to which the restrictions under Section 5.4.2.1 do not apply.

Applications for a long-term AUTH must be submitted to FOCA by the end of OCT of the preceding year, and contain an ACFT list¹ containing all ACFT intending to be used for State FLTs under the AUTH. In the list, the exact ACFT model name including the ICAO type ID, special equipment, REG marks and associated radio call signs must be specified.

Switzerland normally grants such long-term AUTHs through FOCA in accordance with the principle of reciprocity.

5.4.2.1 Restrictions

The following FLTs may not be carried out under the AUTH. A request for a separate, single AUTH must be submitted ('DC application form'):

- FLTs operating below FL 100 (FL100/10000ft/AMSL)
- FLTs from or to an AP on Swiss territory
- FLTs not on published ATS routes
- FLTs operating in part or entirely under VFR
- FLTs transporting dangerous goods²
- FLTs with ACFT equipped with reconnaissance devices
- Reconnaissance FLTs
- FLTs with combat FLTs
- FLTs to perform MIL EXER and FLT displays
- FLTs with armed ACFT
- FLTs transporting armed troops, munitions and MIL equipment in terms of the Federal Law on Military Equipment of 13 DEC 1996 (SR 514.51) and the corresponding Ordinance of 25 FEB 1998 (SR 514.511).

5.4.2.2 Flight Notification

Overflights in accordance with long-term AUTHs by the organisations: OSCE, OPCW and UN shall submit a FLT notification to FOCA no later than one day in advance of the FLT and include the following information:

- Responsible organisation
- Mission (if known)
- TYP (incl. ICAO Code)
- REG number
- AP of DEP and DEST

1. Relevant forms can be obtained from FOCA
2. Dangerous goods in terms of the ICAO standards (International Civil Aviation Organisation, ICAO Annex 18, Technical Instructions), as well as the Dangerous Goods Regulations (<http://www.iata.org/ps/publications/9065.htm>) of the International Air Transport Association (IATA)

5.4.2.3 Validity

FOCA grants long-term AUTHs for a period of one year and these can, upon receipt of a request, be renewed for a further year.

Long-term AUTHs may, when justified, be withdrawn or AMD at any time.

5.5 General conditions and traffic rules

5.5.1 Traffic rules

State FLTs carried out in the territory of the Swiss Confederation and the Principality of Liechtenstein are subject to the legal provisions set out in the air traffic publications of Switzerland and the Principality of Liechtenstein. Any additional requirements contained in the AUTH granted must be strictly adhered to.

Under the international rules and standards of the ICAO, FLTs must be operated in accordance with the instructions of ATC.

The provisions, guidelines and regulations governing the use of MIL infrastructure such as airfields, procedures or airspace stipulated in MIL aviation publications must be adhered to. The MIL aviation publications can be obtained from the Air Operations Center (AOC), Dübendorf.

AOC contact:

Post: **Swiss Air Force, Air Operations Center**
Flugsicherungsstrasse 1
8602 Wangen bei Dübendorf
Phone: +41 (0) 58 460 30 00
Email: AOC.LW@vtg.admin.ch

5.5.2 Flights within the territory of the Principality of Liechtenstein

Pursuant to the following provisions, Diplomatic Clearances granted by FOCA of the State of Switzerland are also valid for FLTs within the territory of the Principality of Liechtenstein (hereinafter referred to as 'Liechtenstein').

The following FLTs are not included in the AUTHs (Diplomatic Clearances) granted by Switzerland's FOCA:

- I. LDG of MIL and State ACFT within the territory of Liechtenstein;
- II. Overflights below FL 120 (FL120/12000ft/AMSL) within the territory of Liechtenstein using MIL ACFT;
- III. Overflights within the territory of Liechtenstein using MIL ACFT fitted with weapons, munitions or other MIL equipment, or
- IV. Overflights within the territory of Liechtenstein using MIL ACFT and other ACFT used for the preparation or the assistance of hostilities.

For State FLTs pursuant to I., an additional Diplomatic Clearance (single AUTH) must be requested from the government of Liechtenstein, and for all State FLTs pursuant to II. to IV. a separate, single AUTH must be requested from FOCA in Switzerland.

Liechtenstein contact:

Post: **Amt für Bau und Infrastruktur (ABI)**
Stabstelle Landerwerb, Recht, Sekretariat, Zivilluftfahrt
Postfach 684
FL-9490 Vaduz
Fürstentum Liechtenstein
Phone: +423 236 60 70
URL: www.abi.llv.li

5.5.3 Flights with aircraft not compliant with ICAO Annex 16

State FLT's within the territory of the Swiss Confederation and the Principality of Liechtenstein

- using ACFT not in possession of noise certification in accordance with the standards of ICAO Annex 16;
- using ACFT whose noise certification does not conform to the standards set out in Section 3 of Part 2 of Volume 1 of ICAO Annex 16;

are not permitted as a matter of principle. FOCA may, in exceptional circumstances, AUTH State FLT's using such ACFT for essential missions on important sovereign affairs, upon submission of a separate, single application.

Such special AUTHs for LDG at and DEP from Swiss APs are granted only for the following time blocks:

- MON to FRI from 0800 - 1800 (0700 - 1700)
- Generally, no FLT's are permitted on SAT, SUN and official public HOL.

5.5.4 Banned aircraft operating agencies by the European Union

State FLT's according to Chapter 2, with ACFT of ACFT operating agencies which are on the list of air carriers of which all operations are subject to a ban within the European Union (EU) are tolerated.

In that case the ICAO designators of the banned ACFT operating agency must not be used.

5.5.5 Flight plan

The crew of the ACFT must file an international flight plan in accordance with the guidelines of the AIP with the ATC services in Zurich or Genève at least one HR prior to entry of the ACFT into Swiss airspace.

The flight plan must contain the following information:

- TYP
- Code/REG mark
- Radio call sign
- Point of DEP and DEST
- Exact FLT routing
- Time of entry into Swiss airspace, and/or time of ARR at and DEP from a Swiss AP
- Information on the crew
- Date of the FLT
- Purpose of the FLT (detailed information on passengers and/or cargo)
- In field 18 of the flight plan ('Remarks' field):
 - the name of the organisation for FLT's in charge of the organisations: OSCE, OPCW and the UN.
 - AUTH number (Block Number) and/or country code.

5.5.6 Spot Checks

Swiss AUTHs may, on the basis of the Ordinance on the Safeguarding of the Sovereignty of Swiss Airspace (SR 748.111.1), carry out 'spot checks' on State FLT's.

GEN 2.2 ABBREVIATIONS USED IN AIS PUBLICATIONS

REF ICAO Doc 8400/4, PANS-ABC.

[] Within brackets: symbol of a unit of the international System of Units SI or a non-SI unit used in conjunction with the system

* not in PANS-ABC

† transmitted in RTF as a spoken word

| A | | | |
|----------|---|----------|---|
| A | Amber | AIRAC | publication |
| A* | FRA arrival connecting point | AIREP† | Aeronautical information regulation and control |
| A1A* | A2A, A3E, etc. Designation of typical radio-communication emissions | AIS | Air-report |
| A/A | Air-to-air | ALA | Aeronautical information services |
| AAA | or AAB, AAC etc. in sequence, Amended meteorological message | ALERFA† | Lighting area |
| AAL | Above aerodrome level | ALR | Alert phase |
| AAU* | Airspace Allocation Unit | ALRS | Alerting (message type designator) |
| ABM | Abeam | ALS | Alerting service |
| ABN | Aerodrome beacon | ALT | Approach lighting system |
| ABV | Above | ALTN | Altitude |
| AC | Altocumulus | ALTN | Alternate or alternating (light alternates in colour) |
| ACAS† | Airborne collision avoidance system | AMA | Alternate (aerodrome) |
| ACC | Area control centre or area control | AMC* | Area minimum altitude |
| ACCID | Notification of an aircraft accident | AMD | Airspace management cell |
| ACFT | Aircraft | AMDT | Amend or amended |
| ACK | Acknowledge | AMS | Amendment (AIP amendment) |
| ACL | Altimeter check location | ANS | Aeronautical mobile service |
| ACR | Aircraft classification rating | AMSL | Above mean sea level |
| ACT | Active or activated or activity | ANS | Answer |
| AD | Aerodrome | AOC | Aerodrome obstacle chart |
| ADA | Advisory area | AP | Airport |
| ADF | Automatic direction finding equipment | APAPI† | Abbreviated precision approach path indicator |
| ADIZ† | Air defence identification zone | APCH | Approach |
| ADJ | Adjacent | APN | Apron |
| ADR | Advisory route | APP | Approach control office or approach control or approach control service |
| ADS-B* | Automatic dependent surveillance-broadcast | APP* | Appendix |
| ADS-C* | Automatic dependent surveillance - contract | APR | April |
| ADVS | Advisory service | APRX | Approximate or approximately |
| ADZ | Advise | APSG | After passing |
| AES | Aircraft earth station | APV | Approve or approved or approval |
| AFIL | Flight plan filed in the air | APV* | Approach with vertical guidance |
| AFIS | Aerodrome flight information service | ARNG | Arrange |
| AFS | Aeronautical fixed service | ARO | Air traffic services reporting office |
| AFTN | Aeronautical fixed telecommunication network | ARP | Aerodrome reference point |
| A/G | Air-to-ground | ARR | Arrive or arrival |
| AGA | Aerodromes, air routes and ground aids | ARR | Arrival (message type designator) |
| AGL | Above ground level | AS | Altostratus |
| AGN | Again | ASDA | Accelerate-stop distance available |
| AIC | Aeronautical information circular | A-SMGCS* | Advanced surface movement guidance and control system |
| AIP | Aeronautical information | ASP* | Airspace |
| | | ASPH | Asphalt |
| | | ASTA* | Climatological station |
| | | ATA | Actual time of arrival |
| | | ATC | Air traffic control (in general) |
| | | ATD | Actual time of departure |
| | | ATFM | Air traffic flow management |
| | | ATIS† | Automatic terminal information service |
| | | ATM | Air traffic management |

| | | | |
|-------------|--|----------|---|
| ATN | Aeronautical telecommunication network | CCA | or CCB, CCC, etc. in sequence, Corrected meteorological message |
| ATS | Air traffic services | CD | Candela |
| ATZ | Aerodrome traffic zone | CDR* | Conditional route |
| AUG | August | CF | Change frequency to |
| AUTH | Authorize or authorization | CGL | Circling guidance light(s) |
| AUW | All up weight | CH | Channel |
| AVBL | Available | CHEM* | Chemical |
| AVGAS† | Aviation gasoline | CHG | Modification (<i>message type designator</i>) |
| AWY | Airway | | |
| AZM | Azimuth | CI | Cirrus |
| <hr/> | | CIDIN† | Common ICAO data interchange network |
| B | | | |
| B | Blue | CIV | Civil |
| BA | Braking action | CK | Check |
| BASE† | Cloud base | CL | Centre line |
| BARO-VNAV*† | Barometric vertical navigation (to be pronounced "BAA-RO-VEE-NAV") | CLD | Cloud |
| BAZL* | Federal Office of Civil Aviation (FOCA, OFAC, UFAC) | CLG | Calling |
| BCFG | Fog patches | CLR | Clear or cleared to or clearance |
| BCN | Beacon (<i>aeronautical ground light</i>) | CLSD | Close or closed or closing |
| BCST | Broadcast | CM [cm] | Centimetre |
| BDRY | Boundary | CMB | Climb to or climbing to |
| BFR | Before | CMPL | Completion or completed or complete |
| BKN | Broken | CNL | Cancel or cancelled |
| BL ... | Blowing (<i>follow by DU = dust, SA = sand or SN = snow</i>) | CNL | Flight plan cancellation (<i>message type designator</i>) |
| BLDG | Building | CNS | Communications, navigation and surveillance |
| BLO | Below clouds | COM | Communications |
| BLW | Below... | CONC | Concrete |
| BOMB | Bombing | COND | Condition |
| BR | Mist | CONS | Continuous |
| BRG | Bearing | CONST | Construction or constructed |
| BRKG | Braking | CONT | Continue(s) or continued |
| B-RNAV*† | Basic RNAV*† | COORD | Coordinates |
| BS | Commercial broadcasting station | COP | Change-over point |
| BTN | Between | COR | Correct or corrected or correction |
| BUFR* | Binary universal form for the representation of meteorological data | COTSENA* | (= KOSIF) |
| <hr/> | | COTSINA* | (= KOSIF) |
| C | | | |
| C [°C] | Degrees Celsius | COV | Cover or covered or covering |
| C | Centre (<i>runway identification</i>) | CPDLC | Controller-pilot data link communications |
| CAG* | General Aviation Centre (GAC) | CPL | Current flight plan (<i>message type designator</i>) |
| CAT | Clear air turbulence | CRS* | Course |
| CAT | Category (<i>in CAT I, II, III operations</i>) | CRZ | Cruise |
| CAVOK† | Visibility, cloud and present weather better than prescribed values or conditions (KAV-OH-KAY) | CS | Call sign |
| CB | (to be pronounced „CEE BEE”) Cumulonimbus | CS | Cirrostratus |
| CBA* | Cross border area | CTA | Control area |
| CC | Cirrocumulus | CTAM | Climb to and maintain |
| | | CTC | Contact |
| | | CTL | Control |
| | | CTN | Caution |
| | | CTR | Control zone |
| | | CU | Cumulus |
| | | CUST | Customs |
| | | CWY | Clearway |

| | | | |
|------------|--|-----------|--|
| ILS | Instrument landing system | LIM | Light intensity medium |
| IM | Inner marker | LM | Locator, middle |
| IMC | Instrument meteorological conditions | LMT | Local mean time |
| IMG | Immigration | LNAV | Lateral navigation |
| INA | Initial approach | LO | Locator, outer |
| INBD | Inbound | LOC | Localizer |
| INCERFA† | Uncertainty phase | LONG [°] | Longitude |
| INFO† | Information | LOSS | Airspeed or headwind loss |
| INOP | Inoperative | LPV | Localizer performance with vertical guidance |
| INS | Inertial navigation system | LT* | Swiss time/local time |
| INT | Intersection | LTD | Limited |
| INTL | International | LTP | Landing threshold point |
| INTST | Intensity | LTT | Landline teletypewriter |
| IR | Ice on runway | LV | Light and variable (<i>relating to wind</i>) |
| ISA | International standard atmosphere | LVE | Leave or leaving |
| It* | Italian | LVL | Level |
| J | | LVO* | Low visibility operations |
| JAA* | Joint Aviation Authorities | LVP | Low visibility procedures |
| JAN | January | M | |
| JTST | Jet stream | M [m] | Metres (<i>preceded by figures</i>) |
| JUL | July | M | Mach number (<i>followed by figures</i>) |
| JUN | June | MA* | Chart of air masses |
| K | | MAA | Maximum authorized altitude |
| KG [kg] | Kilograms | MAG | Magnetic |
| KHZ [kHz] | Kilohertz | MAINT | Maintenance |
| KM [km] | Kilometres | MAP | Aeronautical maps and charts |
| KMH [km/h] | Kilometres per hour | MAPT | Missed approach point |
| KOSIF* | Coordination office for firings and safety of air navigation | MAR | March |
| KPA [kPa] | Kilopascal | MAX | Maximum |
| KT [kt] | Knots | MAY | May |
| KW [kw] | Kilowatts | MCA | Minimum crossing altitude |
| L | | MDA | Minimum descent altitude |
| L | Left (<i>runway identification</i>) | MDH | Minimum descent height |
| L | Litre | MEA | Minimum en-route altitude |
| L | Locator (LO) | MEHT | Minimum eye height over threshold (<i>for VASIS</i>) |
| LAT [°] | Latitude | MET† | Meteorological or meteorology |
| LC* | Landing chart | METAR† | Aerodrome routine meteorological report (<i>in aeronautical meteorological code</i>) |
| LCA | Locally or local or location or located | MF | Medium frequency (300 to 3'000 kHz) |
| LDA | Landing distance available | MHZ [MHz] | Megahertz |
| LDAH | Landing distance available, helicopter | MID | Mid-point (<i>related to RVR</i>) |
| LDG | Landing | MIL | Military |
| LDI | Landing direction indicator | MIN [min] | Minutes |
| LED* | Light-emitting diode | MKR | Marker radio beacon |
| LEN | Length | MLAT* | Multilateration |
| LF | Low frequency (30 to 300 kHz) | MLS | Microwave landing system |
| LFHK* | Chart of Air Navigation Obstacles (ONAV) | MM | Middle marker |
| LFN* | Low Flight Network | MNM | Minimum |
| LGT | Light or lighting | MNT | Monitor or monitoring or monitored |
| LGTD | Lighted | MOA | Military operating area |
| LIH | Light intensity high | MOC | Minimum obstacle clearance (<i>required</i>) |
| LIL | Light intensity low | MOCA | Minimum obstacle clearance altitude |

Downgrading of approach facilities:

Downgradings of approach facilities due to malfunctioning / deficiency are communicated to landing aircraft immediately after the occurrence of the malfunction. The following information is relayed, if necessary, together with the downgrading of the approach category:

| | Downgrading to |
|---|----------------|
| Failure of RVR assessment system or failure of display / transmissometer of both TOUCHDOWN and MIDPOINT | CAT I |
| Failure of secondary power supply for the aerodrome lighting system | CAT I |
| LOC out of CAT II / III tolerance | CAT I |
| LOC sensitive area not vacated | CAT I |
| Failure of ATC-ILS monitoring device | CAT I |
| Wind information indicator not available | CAT I |
| Failure of farfield monitor | CAT I |
| Failure of GP/LOC standby transmitter | CAT II |
| More than 30% of the approach lighting system malfunctioning | CAT I |
| Failure of stopbar lights | CAT I |
| Failure of ILS DME standby transmitter | CAT II |

Shorter-term deficiencies will be announced to pilots by ATC (ATIS and/or RTF), longer-term by NOTAM.

4. Aerodrome operating minima

All operators shall establish aerodrome operating minima for each aerodrome planned to be used. These minima shall not be lower than those established for such aerodromes by the State in which the aerodrome is located, except when specifically approved by that State. Any increment specified by the competent authority of the operator shall be added to the minima.

5. Other information

5.1 Noise abatement operating procedures

Night flights 2100 - 0500 (2000 - 0400), see ordinance on aeronautical infrastructure SR748.131.1, art. 39, 39a, 39b, 39c. Authorisation of night flights for scheduled air traffic and non-scheduled commercial air traffic: Applications for authorization shall be addressed to the airport authority concerned which will, if necessary, pass them to FOCA.

| | |
|------|---|
| LSZB | LSZB AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSZC | LSZC AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSGC | LSGC AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSGG | LSGG AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSZA | LSZA AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSMP | LSMP AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSZR | LSZR AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSZS | LSZS AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSGS | LSGS AD 2.21 NOISE ABATEMENT PROCEDURES |
| LSZH | LSZH AD 2.21 NOISE ABATEMENT PROCEDURES |

5.2 Minimum friction level for runway maintenance purpose

Runway surface friction coefficients are measured periodically for maintenance purpose. The Minimum Friction Levels (MFL) are:

| Measuring speed | 65 km/h | 95 km/h |
|-------------------------|---------|---------|
| Skiddometer | 0.50 | 0.34 |
| Surface Friction Tester | 0.50 | 0.34 |
| Mu-Meter | 0.42 | 0.26 |

The declaration of a runway as "slippery wet" is based on an overall assessment, including, but not limited to the measurement of the friction coefficient (FCT).

5.3 Pavement Strength

Aerodromes with movements of aircrafts with a maximum take-off mass (MTOM) of more than 5,700 kg apply the method ACR-PCR (Aircraft Classification Rating - Pavement Classification Rating), as described in ICAO Annex 14, § 2.6, Pavement Strength.

| Example: | PCR | 240 | F / | B / | Y / | T / |
|----------|--------------------------------------|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 |
| 1 = | Pavement classification rating | | | | | |
| 2 = | Pavement type: | | | | | |
| | Rigid pavement | | | | | = R |
| | Flexible pavement | | | | | = F |
| 3 = | Subgrade strength category: | | | | | |
| | High strength | | | | | = A |
| | Medium strength | | | | | = B |
| | Low strength | | | | | = C |
| | Ultra low strength | | | | | = D |
| 4 = | Maximum tire pressure allowable: | | | | | |
| | Unlimited: no pressure limit | | | | | = W |
| | High: pressure limited to 1.75 MPa | | | | | = X |
| | Medium: pressure limited to 1.25 MPa | | | | | = Y |
| | Low: pressure limited to 0.50 MPa | | | | | = Z |
| 5 = | Evaluation method: | | | | | |
| | Technical evaluation | | | | | = T |
| | Using aircraft experience | | | | | = U |

For all other aerodromes, the Maximum Permissible Weight (MPW) of aircraft in kg or the tire pressure in MPa (1 MPa = 10.19 kg/cm²) in case of grass runways.

Taking into account the actual ground conditions, the airport authorities may permit higher tire pressures.

5.4 Wildlife hazard management

An exchange on wildlife hazard management takes place periodically with various stakeholders including aerodromes, air navigation service providers, airlines, etc. under the leadership of FOCA. In addition, occurrences in relation to wildlife hazard management are reported via the EU reporting platform. Information on bird migration is published in ENR 5.6.

5.5 Start-up procedure for turbo-jet and turbo-prop aircraft

Flight crews of departing turbo-jet and turbo-prop aircraft shall request start-up clearance when the doors of the aircraft are closed and as soon as they are ready to immediately start the engines.

If the expected delay for take-off is less than 15 minutes, ATC will immediately clear pilots to start the engines. If the expected delay for departure is 15 minutes or more, ATC will inform about the duration of the delay.

The start-up clearance will be given in time to adhere to the earliest possible departure slot.

LSZB - BERN - BELP

LSZB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LSZB - BERN - BELP

LSZB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at Aerodrome | 46 54 44N 007 29 58E - Intersection RWY and TWY C |
| 2 | Direction and distance from the CITY | 6 km SE Bern |
| 3 | Elevation/Reference temperature | 1675 ft - 23.5°C |
| 4 | Geoid undulation at AD ELEV PSN | 163.4 ft |
| 5 | MAG VAR/Annual change | 2° E (2019.5) / 0°11' eastwards |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Post: Flughafen Bern AG Flugplatzstrasse 31 CH-3123 Belp Phone: +41 (0) 31 960 21 11 (Authority) +41 (0) 31 960 21 31 (Ground Services, REQ processed daily 0700 - 1800 (0600 - 1700) Fax: +41 (0) 31 960 21 12 (Authority) AFS: LSZBYDYX LSZBZPX (ARO) Email: info@bernairport.ch URL: https://www.bernairport.ch |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LSZB AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|---|
| 1 | Aerodrome Operator | Opening hours: For ACFT up to 3.5 tonnes MTOM MON - FRI 0700 - 1900 (0600 - 1800) SAT - SUN 0700 - 1800 (0600 - 1700) For ACFT above 3.5 tonnes MTOM MON - SUN 0700 - 1800 (0600 - 1700) |
| 2 | Customs and immigration | AD OPR HR |
| 3 | Health and sanitation | AD OPR HR |
| 4 | AIS Briefing Office | AD OPR HR |
| 5 | ATS Reporting Office (ARO) | CTC ARO Zurich; TEL +41 (0) 43 931 61 61 |
| 6 | MET Briefing Office | AD OPR HR |
| 7 | ATS | HX |
| 8 | Fuelling | Self-service station: (MAX wingspan 12M) AVGAS 100LL / UL91 0700 - 2000 (0600 - 1900) Fuel trucks: AVGAS 100LL 0700 - 1800 (0600 - 1700) JET A1 0700 - 2000 (0600 - 1900) (after 1800 (1700) only available O/R MNM 3 HR before ETD/ETA by phone +41 (0) 31 960 21 31) Charging station for electric plane (EASA certified): SKYCHARGE Mobile 0700 - 2000 (0600-1900) only available O/R MNM 3 HR before ETA by phone +41 (0) 31 960 21 11 |
| 9 | Handling | AD OPR HR |
| 10 | Security | Security screening / critical part O/R |
| 11 | De-icing | AD OPR HR |

| | | |
|---|---------|---|
| 7 | Remarks | <p>Ground handling agent and parking permission: compulsory for scheduled and charter FLT's and all taxi FLT's and non commercial air transport</p> <ul style="list-style-type: none"> • with ACFT above 3.5 tonnes MTOM to and from Schengen destinations • for all ACFT to and from Non-Schengen destinations <p>Ground Services Bern Phone: +41 (0) 31 960 21 31 Fax: +41 (0) 31 960 21 41 SITA: BRNKKXH FREQ: 131.410 MHz (Ground Services Bern) RTF: GROUND SERVICES BERN Email: groundservices@bernairport.ch</p> |
|---|---------|---|

LSZB AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--|
| 1 | Hotels | At AD and in the city |
| 2 | Restaurants | At AD and in the city |
| 3 | Transportation | Buses, taxis and car rental from AD |
| 4 | Medical facilities | Ambulance O/R; hospital at Belp and in the city O/R |
| 5 | Bank and Post Office | Cash dispenser at AD, post office in the city |
| 6 | Tourist Office | <p>Tourist Office and Convention Bureau of Berne Post: main railway station P.O. Box 3001 Berne CH-3008 Berne Phone: +41 (0) 31 328 12 12 Fax: +41 (0) 31 328 12 77</p> |
| 7 | Remarks | <p>Inadmissible persons Due to limited infrastructure AVBL for the custody and care of inadmissible persons such passengers can stay at the facilities of the AP for a period of no longer than 24 hrs. In all circumstances, persons found inadmissible have to be removed by the operator the day after the ARR of such passengers using its own services or by alternate removal arrangements, at the latest. The operator will have to bear all costs in relation to such removal as apportioned to operators in accordance with applicable rules of public international and national law.</p> |

LSZB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | <p>Category 3 0700 - 1800 (0600 - 1700) Category 2 MON - FRI 1800 - 1900 (1700 - 1800) Higher category O/R MNM 3 HR before ETA/ETD, by phone +41 (0) 31 960 21 31 for scheduled traffic category 4 or higher according to aircraft type</p> |
| 2 | Rescue equipment | 4 fire engines, 1 ramp-control vehicle |
| 3 | Capability for removal of disabled aircraft | Lifting bags and electrical jacks available |
| 4 | Remarks | NIL |

LSZB AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|---|
| 1 | Type(s) of clearing equipment | 2 snow ploughs / jet sweeper, 1 RWY de-icer, 2 ACFT de-icers |
| 2 | Clearance priorities | <ol style="list-style-type: none"> 1. RWY ASPH 2. TWY C 3. TWY K & F 4. TWY A, B, D 5. Apron 6. Other |
| 3 | Remarks | <p>RDF: Basic Solutions Runway De-icing Fluid GEN3 6-4 RWY 14/32 de-icing with GAC (glycerol/acetatbasic fluids)</p> |

LSZB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|---|---|
| 1 | Designation, surface and strength of Aprons | ASPH - PCR 426/F/C/X/U GRASS - 0.25 MPa |
| 2 | Designation, width, surface and strength of Taxiways | Widths: TWY A: 7.5 m; TWY B: 15.5 m; TWY C: 18.0 m; TWY D: 10.0 m TWY E: 9.0 m; TWY F: 20.5 m; TWY G: 7.5 m TWY K: BTN TWY B and TWY C: 14.0 m; BTN TWY C and Stand Y7: 16.0 m BTN Stand Y7 and TWY E: 10.0 m; BTN TWY E and TWY F: 18.0 m. Surface: TWY A, B, C, D, F and K: ASPH, PCR 426/F/C/X/U. TWY E: GRASS, max. 5.7 t MTOM. TWY G: GRASS, 0.25 MPa MAX wingspan: TWY A: 13.0 m; TWY B, D: 21.5 m; TWY C, F: 36.0 m; TWY E, G: 15.0 m TWY K: 21.5 m except 34.3 m BTN stand Y3 and stand Y7. RMK: 36.0 m on stand Y3A as access/egress directly via TWY C. MAX outer main gear wheel span: TWY A, E, G: 4.5 m; TWY B: 9.0 m; TWY C: 10.0 m; TWY D: 5.5 m; TWY F: 12.5 m TWY K: BTN TWY B and TWY C: 8.0 m; BTN TWY C and Stand Y7: 9.3 m. BTN stand Y7 and TWY E: 5.5 m; BTN TWY E and TWY F: 10.0 m. |
| 3 | ACL location and elevation | At apron / 510 m / 1673 ft |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | Grass TWY A, C and G closed. |

LSZB AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

| | | |
|---|--|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Sectors YELLOW and GREEN: ACFT stand identification markings as well as lead-in, stop and lead-out lines. Sector BLUE: Safety line only (box). Apron safety lines east of TWY A resp. TWY K. Marshalling available for sectors YELLOW, GREEN and BLUE. On the apron, wing tip clearance is guaranteed if the cockpit of the ACFT follows the CL markings. Restrictions: See ACFT PRKG Chart LSZB AD 2.24.2 - 1 |
| 2 | RWY/TWY markings and LGT | Paved RWY markings: DTHR, THR, designation, aiming point and centre line. Grass RWY closed. Paved TWY markings: Centre line (including on turn pads) and intermediate holding position. Grass TWY markings / markers: Edge markers. Markings at paved intersections with RWY: RWY holding position, mandatory instruction and enhanced TWY centre line. Markings/markers at unpaved intersection with RWY: RWY holding position. RWY LGT: See LSZB AD 2.14 TWY LGT: See LSZB AD 2.15 |
| 3 | Stop bars and RWY guard lights | Stop bars: NIL RGL: TWY A, B, C, D, E and F. LIH, Y, no LED. |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | RWY holding positions at TWY B, C, D and E are located 65 m from RWY 14/32 centre line (EASA 75 m). Special operational procedures are in force to ensure RWY strip clearance. Mandatory instruction signs at all RWY holding positions. Information signs on the movement area. |

LSZB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|--|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Zurich 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com) |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr |
| 7 | Charts and other information available for briefing or consultation | All area FCST charts AVBL worldwide |
| 8 | Supplementary equipment available for providing information | Weather radar, InfoNet-Terminal |
| 9 | ATS units provided with information | Bern TWR / APP |
| 10 | Additional information (limitation of service, etc.) | TEL: Weather briefing: 0900 162 737 (Ge); accessible within Switzerland |

LSZB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 14 | 140° GEO 138° MAG | 1730 x 30 | PCR 426/F/C/X/U ASPH | 46 55 04.58N 007 29 32.98E | 1668 ft | +0.15% |
| 32 | 320° GEO 318° MAG | | | 46 54 26.60N 007 30 19.30E | 1675 ft | -0.15% |
| 14R | 140° GEO 138° MAG | 650 x 30 | 0.25 MPa GRASS | NIL | NIL | NIL |
| 32L | 320° GEO 318° MAG | | | | | |
| 16 GLD | 161° GEO 159° MAG | 520 x 30 | 0.25 MPa GRASS | NIL | NIL | NIL |
| 34 GLD | 341° GEO 339° MAG | | | | | |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|----------------|--|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 14 | NIL | 60 x 150 | 1850 x 150 | NIL | RWY Strip and RESA dimensions according to non-instrument RWY criteria. RESA: 90 m (both sides) Grooved 1730 m (full RWY length) |
| 32 | | NIL | | | RWY Strip and RESA dimensions according to non-instrument RWY criteria. RESA: 90 m (both sides) Grooved 1730 m (full RWY length) |
| 14R | NIL | NIL | 710 x 60 | Not applicable | GRASS RWY closed No RESA provided (both sides) |
| 32L | | | | | |
| 16 GLD | NIL | NIL | 580 x 60 | Not applicable | Glider Runway: PPR; for the opening, contact Airport Authority No RESA provided (both sides) Use only after prior instruction by the responsables of the "Segelflugguppe Bern" |
| 34 GLD | | | | | |

LSZB AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|----------------|----------------|----------------|----------------|----------------|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 14 | 1730 | 1790 | 1730 | 1530 | Full length |
| | 1090 | 1150 | 1090 | Not applicable | Intersection ALPHA |
| | 910 | 970 | 910 | | Intersection BRAVO |
| 32 | 1730 | 1730 | 1730 | 1730 | Full length |
| | 1270 | 1270 | 1270 | Not applicable | Intersection DELTA |
| | 1490 | 1490 | 1490 | | Intersection ECHO (ACFT MTOM 5.7 t) |
| | 1510 | 1510 | 1510 | | Intersection FOXTROTT |
| 14R | 650 | 650 | 650 | 650 | GRASS RWY closed |
| 32L | 650 | 650 | 650 | 650 | |
| 16 GLD | Not applicable | Not applicable | Not applicable | Not applicable | Glider Runway |
| 34 GLD | | | | | |

LSZB AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | ALS type, LEN, INTST | THR LGT colour, INTST, WBAR | VASIS type, PSN, MEHT | RTZL LEN, colour, INTST | RCLL LEN, spacing, colour, INTST | REDL LEN, spacing, colour, INTST | RENL colour, INTST | SWY LGT LEN, colour, INTST | RMK |
|----------------|--|--|--|---|----------------------------------|--|--------------------|----------------------------|----------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 14 | Calvert 660 m, LIH, no LED (except 200 m before DTHR) | RTHL G, LIH, LED (except elevated); RTIL FLG W, LED | PAPI 4.0°, L, 13.07 m, no LED | Simple TZL* 621 m FM THR 14, W, LIH, LED | NIL | 200 m, 60 m R, LIH; 954 m, 60 m, W, LIH; 576 m, 60 m, Y, LIH; no LED | R, LIH, LED | NIL | Turn pad LGT, B, LIL, LED |
| 32 | NIL | RTHL G, LIH, LED WBAR, no LED, RTIL FLG W, LED | PAPI 3.4°, L, 12.78 m, no LED | Simple TZL* 622 m FM THR 32, W, LIH, LED | | 1154 m, 60 m, W, LIH; 576 m, 60 m, Y, LIH; no LED | R, LIH, LED | NIL | Turn pad, LGT, B, LIL, LED |

*TZL: The purpose of simple touchdown zone lights is to provide pilots with enhanced situational awareness in all visibility conditions and to help enable pilots to decide whether to commence a go-around if the aircraft has not landed by a certain point on the runway.

LSZB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | NIL |
| 2 | LDI location and LGT Anemometer location and LGT | No LDI Anemometer: RWY 14: 255 m SE of THR 14, LGTD. RWY 32: 100 m N of THR 32, LGTD. |
| 3 | TWY edge and centre line lighting | Edge TWY C (LED) and TWY F (no LED). Turn pads 14 and 32 (LED). LIL, B. CL: NIL |
| 4 | Secondary power supply/switch-over time | AVBL / 15 sec |
| 5 | Remarks | OBST: Marked and lighted (see LSZB AD 2.24.1 - 1) |

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 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 Fadenbrücke 20 CH-6374 Buochs Phone: +41 (0) 41 622 06 11 Fax: +41 (0) 41 622 06 10 TWR: +41 (0) 41 624 59 01 AFS: LSZCZTX Email: info@airportbuochs.ch 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 MAX 1900 (1800) SAT: 0700 - 1100 (0600 - 1000) / 1300 (1200) - SS MAX 1900 (1800) SUN/HOL: 0900 - 1100 (0800 - 1000) / 1300 (1200) - SS MAX 1700 (1600) HOL: REF AIP GEN 2.1.6. , Local HOL REF LSZC AD 2.2.2 |
| 2 | Customs and immigration | REF LSZC AD 2.20 |
| 3 | Health and sanitation | NIL |
| 4 | AIS Briefing Office | AD OPR HR |
| 5 | ATS Reporting Office (ARO) | NIL |
| 6 | MET Briefing Office | NIL; REF LSZC AD 2.11 |
| 7 | ATS | MON-FRI 0630 - 1105 (0530 - 1005) / 1215 - 1605 (1115 - 1505) Other times and SAT/SUN: O/R. MNM 24 HR before DEP, MNM 3 days before ARR due to local traffic regulations, see LSZC AD 2.20 |
| 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"> Allowed operations are: <ul style="list-style-type: none"> - non-CAT operation - CAT operations with aeroplanes with MTOM ≤ 2250 kg - HEL with MTOM ≤ 3175 kg Personnel not necessarily on site 1 fire extinguisher available east side of grey tent (H15) 10 fire extinguisher available on the fence north side of tarmac For CAT operations with aeroplanes with MTOM > 2250 kg: <ul style="list-style-type: none"> - O/R during ATS HR Category 3 - 5, 24 HR before ETD / ETA |
| 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: TWY A: 12.0 m TWY B, C: 12.0 m TWY D: min 10.1 m, BTN TWY B - Pilatus factory 9.4 m, TWY E: 12.0 m; TWY F: 9.8 m. Surface: 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 RWY LGT: see LSZC AD 2.14 |
| 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 | | | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | |
| a | b | c | | a | b | c | |
| | | ft | | | ft | | |
| AOC 24 (1) | Tree/Trees | 1512 | 46 58 14 N 008 22 57 E | Crane/Cranes marked/LGTD | 1523 | 46 58 43 N 008 24 52 E | B0365/14 |
| AOC 24 (2) | Tree/Trees | 1521 | 46 58 07 N 008 22 55 E | Silo LGTD | 1468 | 46 58 44 N 008 24 50 E | B1468/19 |
| AOC 24 (3) | Tree/Trees | 1524 | 46 58 05 N 008 22 52 E | Crane/Cranes marked/LGTD | 1681 | 46 59 10 N 008 24 39 E | B0670/21 |
| AOC 24 (4) | Building | 1649 | 46 57 25 N 008 21 23 E | Crane/Cranes marked/LGTD | 1616 | 46 57 34 N 008 21 55 E | B0976/21 |
| AOC 24 (5) | Power line | 1701 | 46 57 23 N 008 21 20 E | Crane/Cranes marked/LGTD | 1605 | 46 58 16 N 008 24 22 E | B0047/22 |
| AOC 24 (6) | Tree/Trees | 1717 | 46 57 20 N 008 21 11 E | Crane/Cranes marked/LGTD | 1785 | 46 59 10 N 008 24 30 E | B0141/22 |
| AOC 24 (7) | Tree/Trees | 2163 | 46 57 11 N 008 20 50 E | | | | |
| AOC 24 (8) | Tree/Trees | 2184 | 46 57 03 N 008 20 34 E | | | | |
| AOC 24 (9) | Tree/Trees | 2278 | 46 56 56 N 008 20 16 E | | | | |
| AOC 24 (10) | Tree/Trees | 2323 | 46 57 19 N 008 19 18 E | | | | |
| AOC 24 (11) | Pole | 2838 | 46 57 17 N 008 19 10 E | | | | |
| AOC 24 (12) | Tree/Trees | 2852 | 46 57 17 N 008 19 10 E | | | | |
| AOC 24 (13) | Pole | 2868 | 46 57 17 N 008 19 09 E | | | | |
| AOC 24 (14) | Antenna | 2934 | 46 57 17 N 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 Periods of validity | MeteoSwiss, Zurich 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com) |
| 6 | Flight documentation Language(s) used | -- 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), accessible within Switzerland |

LSZC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

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

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (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 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 |

FOR TESTING PURPOSE ONLY

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LSGC - LES ÉPLATURES

LSGC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LSGC - LES ÉPLATURES

LSGC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at Aerodrome | 47 05 03 N 006 47 36 E - 234°/441 m from THR 23 |
| 2 | Direction and distance from the CITY | 2 km SW La Chaux-de-Fonds |
| 3 | Elevation/Reference temperature | 3368 ft - 20.0°C |
| 4 | Geoid undulation at AD ELEV PSN | 163.6 ft |
| 5 | MAG VAR/Annual change | 2°.17' E (2019.5) / 0°09' eastwards |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Post: ARESA Aéroport Régional Les Eplatures SA Boulevard des Eplatures 56 CH-2300 La Chaux-de-Fonds Phone: +41 (0) 32 925 97 97 AFS: LSGCYDYX Email: info@leseplaturesairport.ch |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LSGC AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|--|
| 1 | Aerodrome Operator | 1. 0700 (0600) - SS / MAX 1900 (1800) 2. AD CLSD: DEC 25, DEC 26, JAN 01 |
| 2 | Customs and immigration | As AD Administration; Customs procedure and documents see: URL: http://www.leseplaturesairport.ch |
| 3 | Health and sanitation | NIL |
| 4 | AIS Briefing Office | As AD Administration |
| 5 | ATS Reporting Office (ARO) | As AD Administration |
| 6 | MET Briefing Office | NIL |
| 7 | ATS | As AD Administration |
| 8 | Fuelling | As AD Administration |
| 9 | Handling | As AD Administration / services O/R |
| 10 | Security | NIL |
| 11 | De-icing | NIL |
| 12 | Remarks | Other hours O/R by phone to AD Administration |

LSGC AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---|
| 1 | Cargo-handling facilities | NIL |
| 2 | Fuel/oil types | JET A1, AVGAS 100LL 80, 100, W80, W100, W15W50, EXXON 23-80 |
| 3 | Fuelling facilities/capacity | JET A1: dock with 20 m pipe / 110 L/MIN and 30 m pipe 40 L/MIN AVGAS 100LL: dock with 20 m pipe / 40 L/MIN |
| 4 | De-icing facilities | NIL |
| 5 | Hangar space for visiting aircraft | Limited - O/R to AD Administration |
| 6 | Repair facilities for visiting aircraft | Hangarage, major aircraft repairs and minor engine repairs for ACFT up to 5700kg |
| 7 | Remarks | Oxygen available in limited quantities |

LSGC AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|---------------------------------------|
| 1 | Hotels | Near AD and in city |
| 2 | Restaurants | 2 restaurants at AD |
| 3 | Transportation | Buses, Taxis, Car rental O/R |
| 4 | Medical facilities | Hospital in city |
| 5 | Bank and Post Office | Near AD and in city |
| 6 | Tourist Office | In city Phone: +41 (0)32 889 68 95 |
| 7 | Remarks | NIL |

LSGC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|--|
| 1 | AD category for fire fighting | Category 1 Category 2 - 4: O/R 24 HR before ETA/ETD |
| 2 | Rescue equipment | O/R |
| 3 | Capability for removal of disabled aircraft | NIL |
| 4 | Remarks | NIL |

LSGC AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|---|
| 1 | Type(s) of clearing equipment | 2 Snow blower, 2 Snow ploughs, 2 Sweepers |
| 2 | Clearance priorities | 1. RWY 2. TWY 3. Apron 4. Other areas |
| 3 | Remarks | NOV 01 - MAR 31 It is essential to check RWY conditions by TEL |

LSGC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|--|
| 1 | Designation, surface and strength of Aprons | ASPH: - PCR 121/F/C/Y/U |
| 2 | Designation, width, surface and strength of Taxiways | TWY West and East: 9 m; intersection A: 20 m; intersection B: 16.5 m; intersection C: 12.5 m; All TWY ASPH: PCR 121/F/C/Y/U |
| 3 | ACL location and elevation | Holding point 05: 3363 ft - Holding point 23: 3343 ft |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | NIL |

LSGC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|-----------------------------|---|-------------------------------|---|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 05 | 054° GEO 052° MAG | 1090 x 27 | PCR 121/F/C/Y/U ASPH | 47 04 52.89N 006 47 15.95E | 3368 ft | AVG -0.746% |
| 23 | 234° GEO 232° MAG | | | 47 05 12.22N 006 47 55.32E | 3346 ft | AVG +0.746% |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|---|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 05 | NIL | 60 | 1150 x 60 | NIL | Non-instrument RWY Pavement surface width 30m RESA: 30 m Grooved |
| 23 | NIL | 30 | | NIL | Non-instrument RWY Pavement surface width 30m RESA: 30 m Grooved |

LSGC AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|----------|----------|----------|---------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 05 | 1090 | 1150 | 1090 | 1054 | Additional 40 m starter extension available, subject to Airport Authority approval |
| 23 | 1090 | 1120 | 1090 | 1059 | Additional 54 m starter extension available, subject to Airport Authority approval |

LSGC AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | ALS Type, LEN, INTST | THR LGT Colour, INTST, WBAR | VASIS Type, PSN, MEHT | RTZL LEN, INTST | RCLL LEN, spacing, colour, INTST | REDL LEN, spacing, colour, INTST | RENL Colour, INTST | SWY LGT LEN, colour | Remarks |
|----------------|----------------------|-----------------------------|-----------------------|-----------------|----------------------------------|--|--------------------|---------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 05 | NIL | RTHL G, LIH | APAPI 4.3° L 9.5 m | NIL | NIL | 37 m, 80 m, R, LIH; 688 m, 80 m, W, LIH; 365 m, 80 m, Y, LIH | R, LIH | NIL | NIL |
| 23 | SALS 420 m LIH | RTHL G, LIH | APAPI 3.83° L 8.4 m | NIL | NIL | 30 m, 80 m, R, LIH; 695 m, 80 m, W, LIH; 365 m, 80 m, Y, LIH | R, LIH | NIL | NIL |

LSGC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

LSGC AD 2.16 HELICOPTER LANDING AREA

| | | |
|---|---|---|
| 1 | Coordinates TLOF or THR of FATO | NIL |
| | Geoid undulation | NIL |
| 2 | TLOF and/or FATO elevation | 1026 m / 3366 ft |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | FATO on RWY 05/23 ASPH No specific marking |
| 4 | True BRG of FATO | RWY 05: 054° RWY 23: 234° |
| 5 | Declared distance available | See: LSGC AD 2.13 for RWY 05/23 |
| 6 | APP and FATO lighting | RWY LGT |
| 7 | Remarks | APCH via RWY and air taxi to apron. Follow ATC instruction. |

LSGC AD 2.17 ATS AIRSPACE

| | | |
|---|--------------------------------|---|
| 1 | Designation and lateral limits | Les Eplatures CTR 47 00 51N 006 38 53E - along Swiss BDRY - 47 03 27N 006 42 31E - 47 03 47N 006 42 43E - 47 07 31N 006 49 40E - 47 10 44N 006 56 02E - 47 08 08N 006 58 27E - 47 06 00N 006 52 15E - 47 01 47N 006 47 30E - 46 58 51N 006 43 11E - 47 00 51N 006 38 53E |
| 2 | Vertical limits | 6500 ft |
| 3 | Airspace classification | D |
| 4 | ATS unit call sign Language(s) | En, En and Fr for Non-Commercial VFR traffic. |
| 5 | Transition altitude | 7000 ft |
| 6 | Remarks | ACT: HX |

LSGG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|---|---|
| 1 | Designation, surface and strength of Aprons | South parking sectors (90, 95, D, A, Satellites 20, 30, 40, positions 1 to 11, positions 61 to 66, positions 73 to 76, positions 83, 84): CONC - PCR 500/R/B/W/T. Positions 85 to 89, positions 15 to 19, positions 69 to 72, positions 54 to 58, positions 48, 151, 152, 181, 182, 191, 192: CONC - PCR 1100/R/B/W/T. TAG aviation, positions 67, 68: ASPH - PCR 500/F/B/W/T. North Apron: ASPH - PCR 400/F/B/W/T. |
| 2 | Designation, width, surface and strength of Taxiways | TWY A, B, C, D, E, G and Outer: WID 23 m. TWY Inner, Link 4 and Link 5 located within the overall paved apron area. CONC - PCR 1100/R/B/W/T. TWY Inner, Link 0, Link 1, Link 2, Link 3, Link A and Link D located within the overall paved apron South West Area. CONC - PCR 650/R/B/W/T. TWY F: WID: 20 m. ASPH - PCR 400/F/B/W/T. TWY P and Q: WID 10.5 m. CONC - PCR 400/R/B/W/T. HEL TWY V: WID 7.5 m. ASPH - MTOM 9000 kg. |
| 3 | ACL location and elevation | Beginning RWY 04: 1407.5 ft Beginning RWY 22: 1363 ft Parking sectors A, D and 70-88: 1393 ft Parking sectors 2-61: 1377 ft |
| 4 | Location of VOR checkpoints | NIL |

| 5 | Location of INS checkpoints | | | | | |
|---|------------------------------------|----------------------------|-----|----------------------------|---------|----------------------------|
| | NR | COORD WGS 84 | NR | COORD WGS 84 | NR | COORD WGS 84 |
| | 1 | 46 13 44.92N 006 06 14.72E | 16 | 46 14 01.17N 006 06 38.14E | 27 | 46 13 51.44N 006 06 11.30E |
| | 2 | 46 13 45.77N 006 06 16.70E | 17 | 46 14 03.09N 006 06 40.87E | 28 | 46 13 51.43N 006 06 12.81E |
| | 3 | 46 13 46.93N 006 06 18.13E | 18 | 46 14 04.66N 006 06 43.39E | 31 | 46 13 54.96N 006 06 20.73E |
| | 3A | 46 13 46.97N 006 06 18.60E | 181 | 46 14 04.19N 006 06 43.01E | 32 | 46 13 52.59N 006 06 18.95E |
| | 4 | 46 13 47.97N 006 06 19.46E | 182 | 46 14 05.87N 006 06 43.32E | 33 | 46 13 53.64N 006 06 15.65E |
| | 5 | 46 13 48.92N 006 06 20.84E | 19 | 46 14 06.56N 006 06 46.19E | 34 | 46 13 56.08N 006 06 17.28E |
| | 8 | 46 13 49.70N 006 06 22.47E | 191 | 46 14 06.09N 006 06 45.81E | 42 | 46 13 56.79N 006 06 25.20E |
| | 9 | 46 13 51.36N 006 06 24.43E | 192 | 46 14 07.69N 006 06 46.08E | 43 | 46 13 57.86N 006 06 21.84E |
| | 10 | 46 13 52.24N 006 06 25.83E | 21 | 46 13 50.64N 006 06 13.73E | 44 | 46 14 00.30N 006 06 23.49E |
| | 11 | 46 13 53.18N 006 06 27.21E | 22 | 46 13 49.67N 006 06 13.70E | 48 | 46 14 42.28N 006 07 29.40E |
| | | | 23 | 46 13 48.90N 006 06 12.55E | 48A ARR | 46 14 43.34N 006 07 29.47E |
| | 15 | 46 13 59.24N 006 06 35.44E | 24 | 46 13 48.83N 006 06 11.17E | 48A DEP | 46 14 44.25N 006 07 28.19E |
| | 151 | 46 13 58.78N 006 06 35.08E | 25 | 46 13 49.56N 006 06 09.95E | 48B ARR | 46 14 42.39N 006 07 28.08E |
| | 152 | 46 14 00.45N 006 06 35.36E | 26 | 46 13 50.61N 006 06 09.96E | 48B DEP | 46 14 43.29N 006 07 26.80E |
| | 54 | 46 14 31.00N 006 07 10.66E | | | | |
| | 55 | 46 14 32.04N 006 07 12.19E | 121 | 46 13 50.73N 006 06 14.54E | G1 | 46 14 14.22N 006 05 56.57E |
| | 56 | 46 14 33.09N 006 07 13.73E | 123 | 46 13 48.36N 006 06 12.88E | G2 | 46 14 13.75N 006 05 55.88E |
| | 57 | 46 14 34.14N 006 07 15.26E | 125 | 46 13 49.43N 006 06 09.46E | G3 | 46 14 13.28N 006 05 55.19E |
| | 58 | 46 14 36.17N 006 07 18.14E | 127 | 46 13 51.86N 006 06 11.11E | G4 | 46 14 12.82N 006 05 54.52E |
| | 61 | 46 14 03.10N 006 06 29.50E | A1 | 46 13 33.18N 006 05 51.60E | H1 | 46 14 15.17N 006 06 07.56E |
| | 62 | 46 14 04.10N 006 06 30.80E | A2 | 46 13 32.30N 006 05 50.60E | H2 | 46 14 15.54N 006 06 08.02E |
| | 63 | 46 14 05.80N 006 06 33.40E | A3 | 46 13 31.23N 006 05 50.28E | H3 | 46 14 15.85N 006 06 08.56E |
| | 64 | 46 14 06.64N 006 06 34.84E | A4 | 46 13 32.02N 006 05 49.11E | H4 | 46 14 16.54N 006 06 09.57E |
| | 64A | 46 14 05.81N 006 06 33.99E | A5 | 46 13 32.89N 006 05 47.93E | H5 | 46 14 17.23N 006 06 10.57E |
| | 65 | 46 14 08.00N 006 06 36.60E | A6 | 46 13 33.72N 006 05 46.75E | H6 | 46 14 17.91N 006 06 11.57E |
| | 66 | 46 14 08.90N 006 06 38.00E | A7 | 46 13 34.13N 006 05 46.12E | H8 | 46 14 01.03N 006 05 53.00E |
| | 66A | 46 14 08.60N 006 06 38.00E | A8 | 46 13 34.60N 006 05 46.82E | H REGA | 46 14 01.19N 006 05 48.73E |
| | 67 | 46 14 12.36N 006 06 42.58E | A9 | 46 13 35.40N 006 05 48.00E | | |
| | 68 | 46 14 13.54N 006 06 44.31E | | | | |
| | 69 | 46 14 14.27N 006 06 47.57E | D1 | 46 13 27.20N 006 05 45.75E | I1 | 46 14 05.08N 006 05 54.14E |
| | 70 | 46 14 16.26N 006 06 48.65E | D2 | 46 13 27.88N 006 05 46.51E | I2 | 46 14 05.67N 006 05 53.29E |
| | | | D3 | 46 13 27.85N 006 05 44.54E | | |
| | | | D4 | 46 13 28.48N 006 05 45.33E | | |

| 5 | Location of INS checkpoints | | | | | |
|---|-----------------------------|----------------------------|-----|----------------------------|------|----------------------------|
| | NR | COORD WGS 84 | NR | COORD WGS 84 | NR | COORD WGS 84 |
| | 71 | 46 14 17.10N 006 06 51.33E | 95A | 46 13 30.55N 006 05 40.90E | L0 | 46 14 06.89N 006 05 55.01E |
| | 72 | 46 14 16.61N 006 06 50.62E | 95B | 46 13 31.33N 006 05 42.06E | L1 | 46 14 07.44N 006 05 55.82E |
| | 73 | 46 14 18.25N 006 06 53.82E | 95C | 46 13 32.12N 006 05 43.21E | L2 | 46 14 08.00N 006 05 56.63E |
| | 74 | 46 14 19.21N 006 06 55.23E | 95D | 46 13 31.02N 006 05 41.37E | L3 | 46 14 08.55N 006 05 57.44E |
| | 75 | 46 14 20.12N 006 06 56.70E | 95E | 46 13 31.83N 006 05 42.52E | L4 | 46 14 09.10N 006 05 58.25E |
| | 76 | 46 14 21.08N 006 06 58.10E | | | L5 | 46 14 09.65N 006 05 59.06E |
| | | | | | L6 | 46 14 10.20N 006 05 59.87E |
| | | | | | L7 | 46 14 10.75N 006 06 00.68E |
| | | | | | L8 | 46 14 11.30N 006 06 01.48E |
| | | | | | L9 | 46 14 11.85N 006 06 02.29E |
| | 83 | 46 13 44.25N 006 06 05.59E | | | L10 | 46 14 12.44N 006 06 03.15E |
| | 84 | 46 13 43.12N 006 06 04.01E | E1 | 46 14 13.37N 006 06 01.82E | | |
| | 85 | 46 13 41.65N 006 06 01.60E | E2 | 46 14 12.84N 006 06 01.16E | | |
| | 85A | 46 13 41.09N 006 06 00.62E | E3 | 46 14 12.38N 006 06 00.47E | PC1 | 46 14 44.79N 006 07 31.97E |
| | 86 | 46 13 40.60N 006 05 59.30E | E4 | 46 14 11.96N 006 05 59.76E | PC2 | 46 14 43.75N 006 07 32.31E |
| | 86A | 46 13 40.70N 006 05 59.60E | E5 | 46 14 11.49N 006 05 59.07E | PC3 | 46 14 42.50N 006 07 32.81E |
| | 87 | 46 13 39.70N 006 05 56.80E | E6 | 46 14 11.03N 006 05 58.38E | PC4 | 46 14 41.51N 006 07 33.10E |
| | 87A | 46 13 39.91N 006 05 57.00E | E7 | 46 14 10.57N 006 05 57.71E | PC5 | 46 14 40.69N 006 07 32.53E |
| | 88 | 46 13 39.20N 006 05 54.19E | | | PC6 | 46 14 39.83N 006 07 31.14E |
| | 89 | 46 13 38.29N 006 05 55.14E | F1 | 46 14 14.78N 006 05 59.82E | PC7 | 46 14 38.80N 006 07 30.17E |
| | 89A | 46 13 38.80N 006 05 52.79E | F2 | 46 14 14.31N 006 05 59.14E | PC8 | 46 14 38.34N 006 07 28.59E |
| | 89B | 46 13 38.33N 006 05 53.94E | F3 | 46 14 13.84N 006 05 58.45E | PC9 | 46 14 40.10N 006 07 28.30E |
| | 89C | 46 13 37.30N 006 05 55.19E | F4 | 46 14 13.37N 006 05 57.76E | PC10 | 46 14 41.09N 006 07 27.96E |
| | 90A | 46 13 36.17N 006 05 48.86E | F5 | 46 14 12.90N 006 05 57.07E | PE1 | 46 14 45.31N 006 07 32.67E |
| | 90B | 46 13 35.16N 006 05 50.28E | F6 | 46 14 12.43N 006 05 56.39E | PF1 | 46 14 40.59N 006 07 34.34E |
| | 90C | 46 13 34.16N 006 05 51.70E | F7 | 46 14 11.98N 006 05 55.71E | PF2 | 46 14 37.17N 006 07 29.55E |

| 6 | Remarks |
|---|---|
| | <p>The TWY system north of the RWY fulfils ACFT code letter B operations with MAX wingspan 21.5 m. HEL TWY V fulfils rotor diameter MAX 20 m.</p> <p>The TWY system south of the RWY fulfils ACFT code letter E operations (MAX wingspan 65 m). Due to proximity of TWY and taxiway with terminal buildings and equipment areas use minimum power when taxiing IN/OUT ACFT stands to avoid jet blast.</p> <p>Exceptions and particularities are listed below: Link 0, Link 1, Link 2, Link 3 and TWY Inner (between Link 0 and Link 4): MAX wingspan 48.0 m. Link A and Link D: MAX wingspan 36.0 m. TWY C: The clearance distance between outer main gear and taxiway edge is at least 3.8 m for A346, when nose wheel is over taxiway centre line (EASA requirement: 4.5 m). TWY F: Usable in CAT I conditions only. Available to ACFT up to wake turbulence CAT MEDIUM, except B757 and TU154. Restrictions to vacate RWY04: TWY F is available for ACFT up to wake turbulence CAT MEDIUM, except B757 and TU154; TWY E is available for ACFT up to wake turbulence CAT MEDIUM. Restrictions to vacate RWY22: TWY B is available for ACFT up to wake turbulence CAT MEDIUM. TWY Outer and ACFT stands 87 to 89A: Wing tip clearance for an ACFT with 65 m wingspan: 10 m TWY Outer and Inner west of Link 1: Wing tip to wing tip clearance may be reduced to at least 7.5 m depending on taxiing ACFT. A124, B748 and C5M may operate under special conditions (marshalling, dedicated ACFT stand).</p> |

LSGG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|----------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 04 | 046° GEO 043° MAG | 3900 x 50 | PCR 1100/R/B/W/T CONC | 46 13 40.23N 006 05 38.24E | 1411 ft | Refer to: AOC RWY 04/22 |
| 22 | 226° GEO 223° MAG | | | 46 15 01.30N 006 07 37.22E | 1365 ft | |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|--|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 04 | NIL | 60 x 150 | 4020 x 280 | YES | Precision approach RWY CAT I Grooved surface RESA: 100 x 100 m. |
| 22 | | 60 x 150 | | YES | Precision approach RWY CAT III Grooved surface RESA: 90 x 100 m. |

LSGG AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|----------|----------|----------|----------------|-------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 04 | 3900 | 3960 | 3900 | 3570 | Full length |
| | 3570 | 3630 | 3570 | 3570 | From DTHR 04 |
| | 3200 | 3260 | 3200 | not applicable | Intersection FOXTROTT |
| | 2600 | 2660 | 2600 | | Intersection ECHO |
| | 2750 | 2810 | 2750 | | Intersection QUEBEC |
| | 1850 | 1910 | 1850 | | Intersection CHARLIE |
| | 1870 | 1930 | 1870 | | Intersection PAPA |
| 22 | 3900 | 3960 | 3900 | 3900 | Full length |
| | 2600 | 2660 | 2600 | not applicable | Intersection BRAVO |
| | 2000 | 2060 | 2000 | | Intersections PAPA/CHARLIE |
| | 1140 | 1200 | 1140 | | Intersection QUEBEC |

Note: RWY 22, limited runway end safety area provided.

LSGG AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | ALS type, LEN, INTST | THR LGT colour, INTST, WBAR | VASIS type, PSN, MEHT | RTZL LEN, colour, INTST | RCLL LEN, spacing, colour, INTST | REDL LEN, spacing, colour, INTST | RENL colour, INTST | SWY LGT LEN, colour, INTST | RMK |
|----------------|-------------------------------------|------------------------------------|-------------------------------|-------------------------|--|--|--------------------|----------------------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 04 | Calvert CAT I, 720 m, LIH, LED | RTHL G, LIH, WBAR; RTIL FLG W, LED | PAPI 3.0°, L, 18.50 m, no LED | NIL | 3000 m, 15m, W, LIH; 600 m, 15 m, R/W, LIH; 300 m, 15 m, R, LIH. | 330 m, 30 m R, LIH; 2970 m, 30 m, W, LIH; 600 m, 30 m, Y, LIH. all LED | R, LIH, LED | NIL | NIL |
| 22 | Calvert CAT II/III, 900 m, LIH, LED | RTHL G, LIH, WBAR; RTIL FLG W, LED | PAPI 3.0°, L, 19.94 m, no LED | 900 m, LIH, LED | All LED | 3300 m, 30 m, W, LIH; 600 m, 30 m, Y, LIH. all LED | R, LIH, LED | NIL | See note below |

Note: Supporting structures for RWY 22 elevated approach lights are non-frangible.

LSGG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | NIL |
| 2 | LDI location and LGT Anemometer location and LGT | No LDI. Anemometer: RWY 04: 275 m N of THR 04, LGTD. RWY 22: 425 m SW of THR 22, LGTD. |
| 3 | TWY edge and centre line lighting | Edge: RWY exits, TWY curves and apron area. LIL, B, LED. CL: TWY A, B, D, E, G, OUTER, INNER, LINK 0, 1, 2, 3, 4 and 5, TWY P and Q partially, holding bays A and G. LIH, G, LED; coded Y/G on ILS critical/sensitive areas, LIH, LED. RETIL: TWY B, D and E. LIH, Y, LED. North Apron: TWY centre lights 50 m before and 50 m after TWY stop bar (TSB) Q1, Q2, P1. HEL TWY V: no TWY centre lights. IHP P2 across BAY P, LGT. IHP R1 across BAY R, LGT. |
| 4 | Secondary power supply/switch-over time | AVBL / MAX 1 sec |
| 5 | Remarks | OBST: Marked and lighted (see LSGG AD 2.24.1 - 1) |

| RWY LGT | ALS | RTHL | RTIL | VASIS | RTZL | RCLL | REDL | YZC | RENL |
|---------|------------------------|------|------|-------------------------|------|------|------|-------|------|
| 04 | Calvert Cat. I | ✓ | ✓ | PAPI 3° MEHT 18.50 m | - | ✓ | ✓ | 600 m | ✓ |
| 22 | Calvert Cat. II/III | ✓ | ✓ | PAPI 3° MEHT 19.94 m | ✓ | ✓ | ✓ | 600 m | ✓ |

| | |
|-------------|---------|
| ATIS | 135.580 |
| DEL | 121.680 |
| GND NORTH | 121.680 |
| APRON SOUTH | 121.855 |
| TWR | 118.700 |

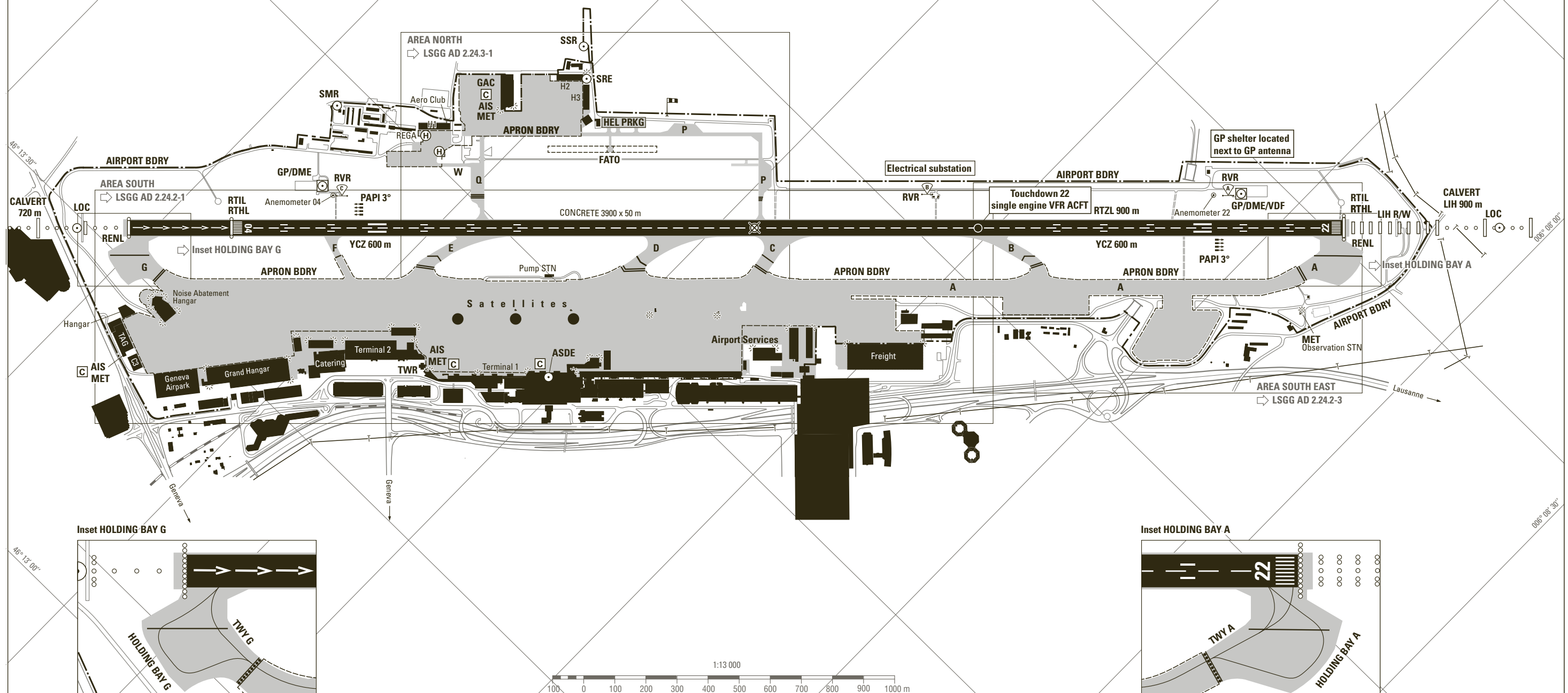
| Surface |
|-----------------|
| Apron CONC/ASPH |
| TWY CONC |

- LEGEND
- Holding position CAT I
 - Stop bar CAT II-III
 - Stop bar CAT I-II-III H24

For OBST see AIP LSGG AD 2.10

| TWY LGT | EDGE | CL | RETIL | RGL |
|-----------------------------------|---|------------|---|-----|
| Apron area, RWY-Exits, TWY curves | A, B, D, E, G, OUTER, INNER, LINK 0, 1, 2, 3, 4, 5, HLDG bays A and G. Partially installed on Q, P, HLDG bays Q and P | B, D and E | A*, B, C, D, E, F, G*, P, Q - *Across TWY | |

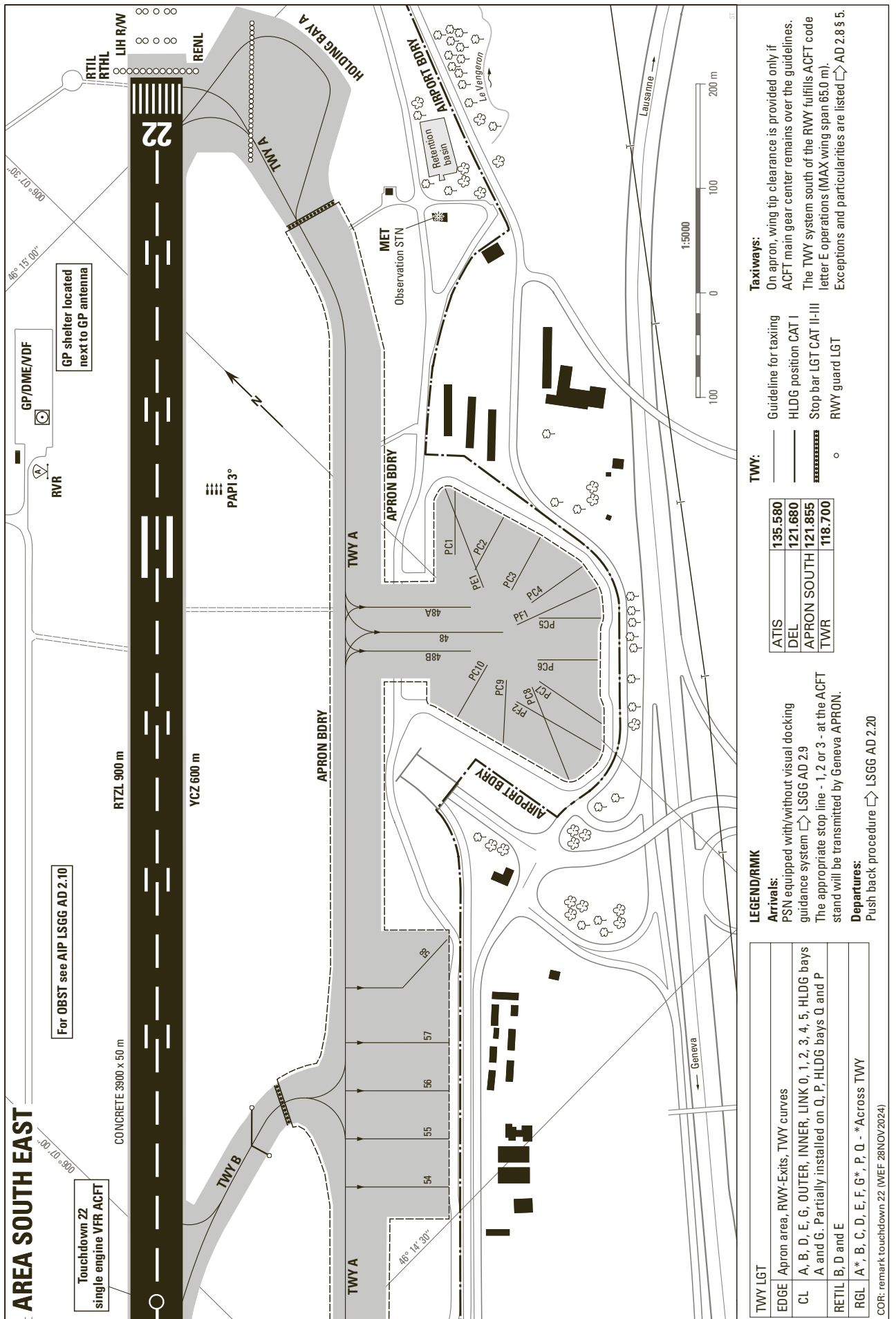
| LSGG | WGS-84 | AD ELEV ft 1411 |
|------|--------------------------------|-------------------------------------|
| ARP | 46° 14' 18" N / 006° 06' 34" E | — |
| THR | 04 | 46° 13' 40" N / 006° 05' 38" E 1411 |
| | 22 | 46° 15' 01" N / 006° 07' 37" E 1365 |



COR: remark touchdown 22 (WEP 28NOV2024)

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LSZG - GRENCHEN

LSZG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LSZG - GRENCHEN

LSZG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|--|--|
| 1 | ARP coordinates and site at Aerodrome | 47 10 53 N 007 24 59 E RWY midpoint |
| 2 | Direction and distance from the CITY | 1.5 km SE Grenchen |
| 3 | Elevation/Reference temperature | 1411 ft AMSL - 24.0° C |
| 4 | Geoid undulation at AD ELEV PSN | 160.5 ft |
| 5 | MAG VAR/Annual change | 2° E (2016.5) / 0° 11' eastwards |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Post: Regionalflygplatz Jura-Grenchen AG CH-2540 Grenchen Phone: +41 (0) 32 396 96 96 AFS: LSZGYDYX Email: office@airport-grenchen.ch URL: http://www.airport-grenchen.ch/ |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LSZG AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|--|
| 1 | Aerodrome Operator | 1. JAN-DEC 0700 (0600) - HRH; MAX 2000 (1900) 2. Outside OPR HR O/R - 1500 (1400) 3. WED AD OPN till 1900 (1800) for Night FLT (VFR + IFR) except DEC 26 and JAN 02 4. AD CLSD: DEC 25, DEC 26, JAN 01 HRH = Day and night limits. REF: GEN 2.7. |
| 2 | Customs and immigration | AD OPR HR; Customs procedures and documents see: URL: https://zollform.airport-grenchen.ch Declaring goods O/R customs Bern TEL +41 (0) 58 462 68 69 |
| 3 | Health and sanitation | NIL |
| 4 | AIS Briefing Office | AD OPR HR |
| 5 | ATS Reporting Office (ARO) | NIL |
| 6 | MET Briefing Office | NIL |
| 7 | ATS | HX |
| 8 | Fuelling | AD OPR HR |
| 9 | Handling | NIL |
| 10 | Security | NIL |
| 11 | De-icing | NIL |
| 12 | Remarks | NIL |

LSZG AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|--|
| 1 | Cargo-handling facilities | NIL |
| 2 | Fuel/oil types | JET A1, AVGAS 100LL 80/100; 15W50 |
| 3 | Fuelling facilities/capacity | HEL without landing gear airtaxi to H4. |
| 4 | De-icing facilities | NIL |
| 5 | Hangar space for visiting aircraft | Restricted |
| 6 | Repair facilities for visiting aircraft | Hangar, major aircraft repairs and minor engine repairs for ACFT up to 5700 kg |
| 7 | Remarks | Oxygen and related servicing (working days only) |

LSZG AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--|
| 1 | Hotels | At AD and in city |
| 2 | Restaurants | At AD and in city |
| 3 | Transportation | Buses, Taxi, Rental car available O/R TEL +41 (0) 32 396 96 96 |
| 4 | Medical facilities | Ambulance O/R; Hospital in Solothurn |
| 5 | Bank and Post Office | In city |
| 6 | Tourist Office | In city |
| 7 | Remarks | NIL |

LSZG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | Category 1 Higher category (MAX 3): O/R 3 HR before ETA/ETD |
| 2 | Rescue equipment | 1 fire vehicle, defibrillator, rescue vessel |
| 3 | Capability for removal of disabled aircraft | C68A |
| 4 | Remarks | NIL |

LSZG AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|------------------------------------|
| 1 | Type(s) of clearing equipment | Snow removal available |
| 2 | Clearance priorities | NIL |
| 3 | Remarks | Seasonal availability: All seasons |

LSZG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|--|
| 1 | Designation, surface and strength of Aprons | ASPH: - PCR 120/F/C/Y/U |
| 2 | Designation, width, surface and strength of Taxiways | 10.5 m ASPH: - PCR 120/F/C/Y/U TWY A and D: max. wingspan 24.0 m TWY N: max. wingspan 21.0 m Details: ref to LSZG AD 2.24.2 - 1 |
| 3 | ACL location and elevation | Apron 1411 ft |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | NIL |

LSZG 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 Restrictions see: ACFT PRKG Chart LSZG AD 2.24.2 - 1 |
| 2 | RWY/TWY markings and LGT | RWY, TWY and holding PSN markings. TWY LGT: see LSZG AD 2.15 |
| 3 | Stop bars and RWY guard lights | Stop bars: NIL RWY guard lights: on TWY A and D |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | NIL |

LSZG AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | | In circling area and at aerodrome | | 3 | |
|--|--|--------------|--|-----------------------------------|------|---------------------------|----------|
| 1 | | | | 2 | | 3 | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | | |
| a | b | c | a | b | c | | |
| | | ft | | ft | | | |
| AOC 06 (1) | Pole | 1409 | 47 11 00 N 007 25 24 E | Chimney marked/LGTD | 1700 | 47 08 46 N 007 32 49 E | B0471/02 |
| AOC 06 (2) | Pole | 1410 | 47 11 01 N 007 25 23 E | Pole marked | 1437 | 47 10 45 N 007 24 54 E | B0362/07 |
| AOC 06 (3) | Tree/Trees | 1437 | 47 11 02 N 007 25 24 E | Crane/Cranes marked/LGTD | 1679 | 47 11 49 N 007 23 41 E | B0455/22 |
| AOC 06 (4) | Tree/Trees | 1453 | 47 11 03 N 007 25 51 E | Crane/Cranes marked/LGTD | 1634 | 47 11 46 N 007 25 01 E | B0497/22 |
| AOC 06 (5) | Tree/Trees | 1468 | 47 11 04 N 007 25 51 E | | | | |
| AOC 06 (6) | Tree/Trees | 1485 | 47 11 14 N 007 25 52 E | | | | |
| AOC 24 (1) | Pole | 1418 | 47 10 44 N 007 24 40 E | | | | |
| AOC 24 (2) | Pole | 1418 | 47 10 44 N 007 24 39 E | | | | |
| AOC 24 (3) | Pole | 1419 | 47 10 46 N 007 24 36 E | | | | |
| AOC 24 (4) | Pole | 1422 | 47 10 48 N 007 24 34 E | | | | |
| AOC 24 (5) | Tree/Trees | 1453 | 47 10 44 N 007 24 11 E | | | | |
| AOC 24 (6) | Pole | 1462 | 47 10 32 N 007 24 10 E | | | | |
| AOC 24 (7) | Tree/Trees | 1471 | 47 10 36 N 007 23 57 E | | | | |
| AOC 24 (8) | Tree/Trees | 1493 | 47 10 36 N 007 23 56 E | | | | |
| Refer also to LSZG AOC 06/24, LSZG AD 2.24.4 - 1 Number in brackets is equivalent to identification number on AOC | | | | | | | |

LSZG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|--|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Zurich 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com) |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr |
| 7 | Charts and other information available for briefing or consultation | All area forecast charts available worldwide |
| 8 | Supplementary equipment available for providing information | NIL |
| 9 | ATS units provided with information | CTR: Grenchen TWR / RMZ: ATIS |
| 10 | Additional information (limitation of service, etc.) | Weather briefing: Phone: 0900 162 737 (Ge); accessible within Switzerland RMZ: MET INFO on ATIS |

LSZG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|---------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 06 | 066° GEO 064° MAG | 1000 x 23 | PCR 120/F/C/X/U ASPH | 47 10 48.99N 007 24 45.88E | 1407 ft | Refer to: LSZG AOC RWY 06/24 |
| 24 | 246° GEO 244° MAG | | | 47 11 00.54N 007 25 23.51E | 1405 ft | |
| 06 L | 066° GEO 064° MAG | 390 x 18 | 0.25 MPa GRASS | NIL | NIL | NIL |
| 24 R | 246° GEO 244° MAG | | | | | |
| 06 R | 066° GEO 064° MAG | 700 x 30 | 0.25 MPa GRASS | NIL | NIL | NIL |
| 24 L | 246° GEO 244° MAG | | | | | |
| 06 GLD | 066° GEO 064° MAG | 700 x 30 | 0.25 MPa GRASS | NIL | NIL | NIL |
| 24 GLD | 246° GEO 244° MAG | | | | | |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-------------------|---|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 06 | NIL | NIL | 1060 x 60 | not applicable | Non-instrument runway Grooved 1000 m |
| 24 | | | | | Non-instrument runway Grooved 1000 m |
| 06 L | NIL | NIL | 450 x 60 | not applicable | Powered-aircraft runway |
| 24 R | | | | | |
| 06 R | NIL | NIL | 760 x 60 | not applicable | Powered-aircraft runway |
| 24 L | | | | | |
| 06 GLD | NIL | NIL | 760 x 60 | not applicable | Glider runway |
| 24 GLD | | | | | |

LSZA AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|---|
| 1 | Type(s) of clearing equipment | 1 snow blower, 4 snow ploughs, 2 jet sweepers, 1 RWY and Apron de-icer, 1 ACFT de-icer |
| 2 | Clearance priorities | RWY, TWY, then apron |
| 3 | Remarks | All seasons: RWY / TWY / apron: De-iced / Anti-iced with KFOR (potassium formate fluids) |

LSZA AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|---|
| 1 | Designation, surface and strength of Aprons | ASPH - PCR 300/F/B/W/T |
| 2 | Designation, width, surface and strength of Taxiways | TWY M and N: MNM 18.6 m (DH8D OPS); TWY L: 15 m ASPH - PCR 300/F/B/W/T |
| 3 | ACL location and elevation | Apron 902 ft (275 m) |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | Slopes on Apron partially exceeding 1% |

LSZA 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 | ACFT stand identification markings as well as lead-in, stop and lead-out lines. Apron safety lines. Restrictions as well as taxiing and parking procedures: See ACFT PRKG Chart LSZA AD 2.24.2 - 1 |
| 2 | RWY/TWY markings and LGT | RWY markings: DTHR, designation, aiming point, touchdown zone and centre line. Paved TWY markings: Centre line (including on turn pads) and intermediate holding position. Grass TWY markings / markers: Edge markers and intermediate holding position. Markings at intersections with RWY: RWY holding position, mandatory instruction and enhanced TWY centre line. RWY LGT: See LSZA AD 2.14 TWY LGT: See LSZA AD 2.15 |
| 3 | Stop bars and RWY guard lights | Stop bars: NIL RGL: TWY M and N. LIH, Y, no LED. |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | Mandatory instruction signs at all RWY holding positions. Information signs on the movement area. |

LSZA AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | In circling area and at aerodrome | | | |
|------------------------|--|---------------------------|--|--|----------|---|
| 1 | | | 2 | | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | |
| a | b | c | a | b | c | |
| | ft | | ft | | | |
| AOC 01 (1) | Building 950 | 46 00 37 N 008 54 45 E | Antenna LGTD 1020 | 46 00 09 N 008 54 23 E | | |
| AOC 01 (2) | Pole 951 | 46 00 38 N 008 54 45 E | Crane/Cranes marked/LGTD 989 | 46 00 18 N 008 54 48 E | B1216/21 | |
| AOC 01 (3) | Tree/Trees 965 | 46 00 38 N 008 54 54 E | Tower/Mast LGTD 945 | 46 00 03 N 008 54 36 E | | |
| AOC 01 (4) | Tree/Trees 977 | 46 00 39 N 008 54 54 E | Antenna LGTD 1529 | 46 02 15 N 008 56 20 E | | |
| AOC 01 (5) | Building 981 | 46 00 44 N 008 54 47 E | Antenna LGTD 1526 | 46 00 39 N 008 55 32 E | B0555/01 | |
| AOC 01 (6) | Pole 985 | 46 00 47 N 008 54 49 E | Telephone line 45 m AGL | 45 59 36 N 008 50 13 E - 45 59 36 N 008 50 06 E | B0016/02 | |
| AOC 01 (7) | Building 986 | 46 00 48 N 008 54 48 E | Tower marked/LGTD 998 | 46 00 16 N 008 54 31 E | B0121/02 | |
| AOC 01 (8) | Building 996 | 46 00 49 N 008 54 49 E | Tower LGTD 974 | 46 00 43 N 008 54 54 E | B0043/04 | |
| AOC 01 (9) | Building 1040 | 46 01 19 N 008 55 12 E | Silo 965 | 46 00 53 N 008 54 59 E | B0480/05 | |
| AOC 01 (10) | Tree/Trees 1061 | 46 01 27 N 008 55 00 E | Power line 72 m AGL | 45 59 18 N 008 52 23 E - 45 59 18 N 008 52 38 E | B0617/05 | |
| AOC 01 (11) | Tree/Trees 1081 | 46 01 38 N 008 55 03 E | Pole LGTD 2366 | 46 02 43 N 008 57 44 E | B0471/07 | |
| AOC 01 (12) | Power line 1100 | 46 01 37 N 008 55 22 E | Pole LGTD 1752 | 45 57 49 N 008 52 56 E | B0470/07 | |
| AOC 01 (13) | Power line 1113 | 46 01 40 N 008 55 16 E | Pole LGTD 1886 | 46 02 58 N 008 55 54 E | B0469/07 | |
| AOC 01 (14) | Power line 1137 | 46 01 45 N 008 55 12 E | | | | |
| AOC 01 (15) | Power line 1155 | 46 01 42 N 008 55 24 E | Pole marked/LGTD 989 | 46 00 13 N 008 54 28 E | B0099/09 | |
| AOC 01 (16) | Tree/Trees 1209 | 46 01 55 N 008 56 12 E | Pole LGTD 1825 | 46 01 28 N 008 56 46 E | B1145/09 | |
| AOC 01 (17) | Tree/Trees 1215 | 46 01 56 N 008 56 13 E | Pole LGTD 1914 | 45 58 27 N 008 54 48 E | B1144/09 | |
| AOC 01 (18) | Tree/Trees 1246 | 46 02 05 N 008 56 11 E | Power line marked 90 m AGL | 46 05 32 N 009 03 11 E - 46 05 33 N 009 02 51 E | C0366/05 | |
| AOC 01 (19) | Tree/Trees 1256 | 46 02 05 N 008 56 11 E | Cable CW 80 m AGL | 46 03 52 N 008 55 12 E - 46 03 43 N 008 54 43 E | B0054/06 | |
| AOC 01 (20) | Tree/Trees 1259 | 46 02 06 N 008 56 12 E | Building 3m AGL | 46 00 41 N 008 54 49 E | B0131/07 | |
| AOC 01 (21) | Tree/Trees 1277 | 46 01 56 N 008 56 16 E | Chimney LGTD 25 m AGL | 46 01 15 N 008 55 00 E | B0130/07 | |
| AOC 01 (22) | Tree/Trees 1281 | 46 02 20 N 008 56 11 E | Antenna marked, LGTD 5414 | 45 55 35 N 009 00 54 E | B0733/08 | |

| In approach/TKOF areas | | | | In circling area and at aerodrome | | | |
|--|--|--------------|---------------------------|--|-----------------------------------|----------|---|
| 1 | | | | 2 | | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | |
| a | b | c | | a | b | c | |
| | <i>ft</i> | | | <i>ft</i> | | | |
| AOC 01 (23) | Tree/Trees | 1507 | 46 02 17 N 008 56 19 E | Pole LGTD | 1931 46 01 52 N 008 54 48 E | B1143/09 | |
| AOC 01 (24) | Antenna | 1520 | 46 02 15 N 008 56 20 E | Pole LGTD | 1518 46 01 13 N 008 57 03 E | B1331/11 | |
| AOC 01 (25) | Tree/Trees | 1555 | 46 02 24 N 008 56 52 E | | | | |
| AOC 01 (26) | Tree/Trees | 1631 | 46 02 24 N 008 56 58 E | | | | |
| AOC 01 (27) | Tree/Trees | 1637 | 46 02 20 N 008 56 57 E | | | | |
| AOC 01 (28) | Tree/Trees | 1660 | 46 02 21 N 008 56 58 E | | | | |
| AOC 01 (29) | Building | 1672 | 46 02 21 N 008 57 05 E | | | | |
| AOC 01 (30) | Building | 1705 | 46 02 19 N 008 57 04 E | | | | |
| AOC 01 (31) | Tree/Trees | 1723 | 46 02 21 N 008 57 07 E | | | | |
| AOC 01 (32) | Tree/Trees | 1815 | 46 02 19 N 008 57 11 E | | | | |
| AOC 01 (33) | Tree/Trees | 1828 | 46 02 15 N 008 57 29 E | | | | |
| AOC 19 (1) | Pole | 913 | 45 59 54 N 008 54 24 E | | | | |
| AOC 19 (2) | Pole | 943 | 45 59 52 N 008 54 30 E | | | | |
| AOC 19 (3) | Tree/Trees | 953 | 45 59 48 N 008 54 29 E | | | | |
| AOC 19 (4) | Tree/Trees | 955 | 45 59 43 N 008 54 17 E | | | | |
| AOC 19 (5) | Tree/Trees | 979 | 45 59 40 N 008 54 16 E | | | | |
| AOC 19 (6) | Tree/Trees | 1079 | 45 58 23 N 008 54 04 E | | | | |
| AOC 19 (7) | Tree/Trees | 1164 | 45 58 15 N 008 54 02 E | | | | |
| AOC 19 (8) | Tree/Trees | 1234 | 45 57 47 N 008 53 12 E | | | | |
| AOC 19 (9) | Tree/Trees | 1289 | 45 57 47 N 008 53 11 E | | | | |
| AOC 19 (10) | Tree/Trees | 1353 | 45 57 12 N 008 53 06 E | | | | |
| AOC 19 (11) | Tree/Trees | 1573 | 45 57 09 N 008 53 05 E | | | | |
| AOC 19 (12) | Tree/Trees | 1628 | 45 56 32 N 008 54 22 E | | | | |
| AOC 19 (13) | Tree/Trees | 2121 | 45 56 21 N 008 54 23 E | | | | |
| AOC 19 (14) | Tree/Trees | 2130 | 45 56 17 N 008 54 23 E | | | | |
| AOC 19 (15) | Tree/Trees | 2161 | 45 56 17 N 008 54 23 E | | | | |
| Refer also to LSZA AOC 01/19, LSZA AD 2.24.4 | | | | | | | |

LSZA AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|---|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Zurich 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com) |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr, It |
| 7 | Charts and other information available for briefing or consultation | All area forecast charts available worldwide |
| 8 | Supplementary equipment available for providing information | Internet connection in the briefing room |
| 9 | ATS units provided with information | Lugano TWR |
| 10 | Additional information (limitation of service, etc.) | TEL: Weather briefing: 0900 162 737 (Ge), 0900 162 767 (Fr); accessible within Switzerland |

LSZA AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|-----------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 01 ¹⁾ | 019° 017° | 1415 x 30 | PCR 400/F/B/W/T ASPH | 45 59 58.17N 008 54 29.68E | 900 ft | Refer to: LSZA AOC 01/19 |
| 19 ¹⁾ | 199° 197° | | | 46 00 29.60N 008 54 45.07E | 915 ft | |

¹⁾ Designation changed to avoid mix-up.

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|---|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 01 ¹⁾ | NIL | NIL | 1535 x 80 | NIL | Runway strip and RESA dimensions according to non-instrument runway criteria Grooved 1415 m RESA: 30 m |
| 19 ¹⁾ | | 60 | | | Runway strip and RESA dimensions according to non-instrument runway criteria Grooved 1415 m RESA: 30 m |

¹⁾ Designation changed to avoid mix-up.

LSZA AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|----------|----------|----------|----------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 01 | 1345 | 1345 | 1415 | 1305 | No turn pad at the beginning of RWY |
| | 1025 | 1025 | 1095 | Not applicable | Intersection MIKE |
| 19 | 1415 | 1475 | 1415 | 1135 | Turn pad at the beginning of RWY |
| | 940 | 1000 | 940 | Not applicable | Intersection ZULU |
| | 695 | 755 | 695 | Not applicable | Intersection NOVEMBER |

DER RWY 01 is located 70 m before runway end respective RENL 01 due to obstacles in the immediate departure area.

LSMP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | Category 5 during MIL AD OPR HR. Higher category up to 9 available O/R 48 HR before ETA/ETD. |
| 2 | Rescue equipment | One Ambulance |
| 3 | Capability for removal of disabled aircraft | During MIL AD OPR HR: Crane, tow-mat, lifting bags |
| 4 | Remarks | NIL |

LSMP AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|--------------------------------|
| 1 | Type(s) of clearing equipment | Snow removal available |
| 2 | Clearance priorities | RWY, TWY, MIL apron, CIV apron |
| 3 | Remarks | Clearing done by MIL |

LSMP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|---|
| 1 | Designation, surface and strength of Aprons | ASPH: PCR 400/F/C/X/U |
| 2 | Designation, width, surface and strength of Taxiways | ASPH: PCR 400/F/C/X/U Details: Ref to LSMP AD 2.24.1 - 1 |
| 3 | ACL location and elevation | NIL |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | Parking: CIV apron |

LSMP AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

| | | |
|---|---|---|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | ACFT stand markings, lead-in and -out markings Information signs at all intersections |
| 2 | RWY/TWY markings and LGT | Markings: RWY, TWY and holding PSN LGT: RWY LGT: see LSMP AD 2.14 TWY LGT: see LSMP AD 2.15 |
| 3 | Stop bars and RWY guard lights | NIL |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | Displaced CIV RWY end not lighted |

LSMP AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | In circling area and at aerodrome | | | | |
|------------------------|--|--------------|--|-----------------------------|------|---------------------------|----------|
| 1 | | | 2 | | | 3 | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | | |
| a | b | c | a | b | c | | |
| | | ft | | ft | | | |
| AOC 05 (1) | Embankment | 1471 | 46 51 08 N 006 55 41 E | | | | |
| AOC 05 (2) | Pole | 1475 | 46 51 09 N 006 55 54 E | Crane/Cranes marked/LGTD | 1575 | 46 51 03 N 006 55 21 E | B0843/21 |
| AOC 05 (3) | Pole | 1478 | 46 51 09 N 006 55 54 E | Crane/Cranes marked/LGTD | 1551 | 46 50 34 N 006 55 13 E | B1231/21 |
| AOC 05 (4) | Pole | 1483 | 46 51 14 N 006 55 53 E | Crane/Cranes marked/LGTD | 1706 | 46 51 37 N 006 54 56 E | B1384/21 |
| AOC 05 (5) | Tree/Trees | 1523 | 46 51 16 N 006 56 09 E | | | | |
| | | | | | | | |
| AOC 23 (1) | Enclosure | 1473 | 46 50 06 N 006 53 59 E | | | | |
| AOC 23 (2) | Enclosure | 1474 | 46 50 06 N 006 53 58 E | | | | |
| AOC 23 (3) | Enclosure | 1474 | 46 50 01 N 006 54 04 E | | | | |
| AOC 23 (4) | Enclosure | 1475 | 46 50 05 N 006 53 57 E | | | | |
| AOC 23 (5) | Enclosure | 1476 | 46 50 04 N 006 53 56 E | | | | |
| AOC 23 (6) | Pole | 1476 | 46 50 02 N 006 53 58 E | | | | |
| AOC 23 (7) | Pole | 1478 | 46 50 01 N 006 53 56 E | | | | |
| AOC 23 (8) | Pole | 1482 | 46 49 59 N 006 53 56 E | | | | |
| AOC 23 (9) | Pole | 1484 | 46 49 59 N 006 53 56 E | | | | |
| AOC 23 (10) | Pole | 1500 | 46 49 55 N 006 53 38 E | | | | |
| AOC 23 (11) | Tree/Trees | 1506 | 46 49 54 N 006 53 37 E | | | | |
| AOC 23 (12) | Tree/Trees | 1509 | 46 49 53 N 006 53 37 E | | | | |
| AOC 23 (13) | Pole | 1512 | 46 49 53 N 006 53 35 E | | | | |
| AOC 23 (14) | Tree/Trees | 1517 | 46 49 52 N 006 53 35 E | | | | |
| AOC 23 (15) | Tree/Trees | 1528 | 46 49 50 N 006 53 36 E | | | | |
| AOC 23 (16) | Tree/Trees | 1535 | 46 49 50 N 006 53 34 E | | | | |
| AOC 23 (17) | Tree/Trees | 1542 | 46 49 48 N 006 53 32 E | | | | |
| AOC 23 (18) | Tree/Trees | 1549 | 46 49 47 N 006 53 26 E | | | | |
| AOC 23 (19) | Power line | 1577 | 46 49 32 N 006 53 15 E | | | | |

LSMP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|---------------------------------|---|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 05 | 049/046 | 2791 x 40 | PCR 400/F/C/X/U ASPH | 46 50 07.73 N 006 54 07.73 E | 1464 ft | -0.09% |
| 23 | 229/226 | | | 46 51 03.10 N 006 55 39.02 E | 1455 ft | +0.09% |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|-------------------------|-----|--|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 05 | NIL | 60 | 2911 x 150 | NIL | RWY Strip and RESA dimensions according to non-instrument RWY criteria. CTN: MIL net barrier at end of runway strip CWY only if MIL net barrier lowered RESA available after MIL net barrier |
| 23 | NIL | 60 | | | |

LSMP AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|-------------------|----------|----------|----------|---------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 05 | 2433 | 2433 | 2433 | 2708 | Max lengths with MIL net barrier raised |
| | 2665 | 2725 | 2665 | 2708 | Max lengths with MIL net barrier lowered |
| | 2297 | 2297 | 2297 | N/A | From turn pad intersection TWY S with MIL net barrier raised. |
| 23 | 2364 | 2364 | 2364 | 2665 | Max lengths with MIL net barrier raised |
| | 2708 | 2768 | 2708 | 2665 | Max lengths with MIL net barrier lowered |
| | 2087 | 2087 | 2087 | N/A | Intersection T/O KILO with net barrier raised |

LSMP AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | ALS Type, LEN, INTST | THR LGT colour INTST WBAR | VASIS Type, PSN, MEHT | TDZ LEN, INTST | RCLL LEN, spacing, colour, INTST | REDL LEN, spacing, colour, INTST | RENL colour, INTST | SWY LGT LEN, colour | RMK |
|----------------|--------------------------|-------------------------------|------------------------|----------------|----------------------------------|---|-------------------------------------|---------------------|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 05 | Calvert CAT I, 770 m LIH | RTHL, G LIH, WBAR, RTIL FLG W | PAPI 4,7°, L (MIL use) | NIL | NIL | 120 m, 60 m R, LIH; 1986 m, 60 m W, LIH; 685 m, 60 m Y, LIH | R, LIH CIV RWY end 99 m before RENL | NIL | RWY LGT refer to MIL RWY dimensions |
| 23 | Calvert CAT I, 900 m LIH | | PAPI 3,7°, L (MIL use) | NIL | NIL | 190 m, 60 m R, LIH; 1933 m, 60 m W, LIH; 668 m, 60 m Y, LIH | R, LIH CIV RWY end 69 m before RENL | | |

LSMP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | NIL |
| 2 | LDI location and LGT Anemometer location and LGT | NIL |
| 3 | TWY edge and centre line lighting | All TWY with edge lighting |
| 4 | Secondary power supply/switch-over time | AVBL / < 15 s |
| 5 | Remarks | MIL rotating beacon 0.5 NM final centre line on both sides |

LSMP AD 2.16 HELICOPTER LANDING AREA

| | | |
|---|---|---|
| 1 | Coordinates TLOF or THR of FATO | NIL |
| | Geoid undulation | NIL |
| 2 | TLOF and/or FATO elevation | 1460 ft |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | FATO on main RWY: 05/23; 500 x 40 m, No specific marking |
| 4 | True BRG of FATO | 049° / 229° |
| 5 | Declared distance available | See FATO dimensions |
| 6 | APP and FATO lighting | RWY LGT |
| 7 | Remarks | FATO on RWY between TWY M and P |

LSMP AD 2.17 ATS AIRSPACE

| | | |
|---|--------------------------------|--|
| 1 | Designation and lateral limits | Payerne CTR 46 56 22 N 006 59 31 E - 46 52 33 N 007 04 35 E - 46 44 08 N 006 51 13 E - 46 47 56 N 006 46 09 E - 46 56 22 N 006 59 31 E |
| 2 | Vertical limits | FL 100 |
| 3 | Airspace classification | D |
| 4 | ATS unit call sign Language(s) | Language: En; En and Fr for Non-Commercial VFR traffic. |
| 5 | Transition altitude | 6000 ft AMSL |
| 6 | Remarks | NIL |

| | | |
|---|---------|---|
| 7 | Remarks | Ground handling agent: Airport Altenrhein AG Phone: +41 (0) 71 858 51 65 AFS: LSZRYDYX Email: groundservices@peoples.ch FREQ: 131.505 MHz (St.Gallen Handling) |
|---|---------|---|

LSZR AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--|
| 1 | Hotels | Near the AD, Rorschach, St. Gallen |
| 2 | Restaurants | At AD, Altenrhein and vicinity |
| 3 | Transportation | Public buses, taxis and car rental agencies at AD |
| 4 | Medical facilities | Ambulance O/R Hospital: St.Gallen |
| 5 | Bank and Post Office | Cash machine: Airport Terminal Bank: Rorschach Post Office: Altenrhein, Rorschach |
| 6 | Tourist Office | Rorschach: Phone: +41 (0) 71 841 61 41 Email: rorschach@st.gallen-bodensee.ch URL: http://www.st.gallen-bodensee.ch St. Gallen: Phone: +41 (0) 71 227 37 37 Email: info@st.gallen-bodensee.ch URL: http://www.st.gallen-bodensee.ch |
| 7 | Remarks | IATA travel agency at AD: High Life Reisen GmbH Phone: +41 (0) 71 886 60 88 Email: info@highlife.at URL: http://www.highlife.travel |

LSZR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | Category 2 Category 3 - 6: O/R 3 HR before ETA/ETD for scheduled traffic according to aircraft type |
| 2 | Rescue equipment | 2 RFF vehicles and 1 RIV (Rapid Intervention Vehicle) |
| 3 | Capability for removal of disabled aircraft | Crane, lifting bags and hydraulic jacks available |
| 4 | Remarks | NIL |

LSZR AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|---|
| 1 | Type(s) of clearing equipment | 3 snow ploughs, 3 jet sweepers, 1 RWY and Apron de-icer, 1 ACFT de-icer |
| 2 | Clearance priorities | RWY, TWY A/S/N, Apron |
| 3 | Remarks | RWY 10/28 de-iced / anti-iced with KFOR (potassium formate fluids) or with NAFO (sodium formate solids) |

LSZR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|--|
| 1 | Designation, surface and strength of Aprons | Concrete, ASPH: - PCR 295/F/C/Y/U GRASS: 0.25 MPa |
| 2 | Designation, width, surface and strength of Taxiways | Widths: TWY A: 15.0 m TWY B: 7.5 m TWY M: 10.5 m to Hangar W1 TWY N: 15.0 m on section parallel to APRON EAST, 10.5 m east of APRON EAST to Hangar M1, 7.5 m east of Hangar M1. TWY S: 15.0 m MAX wingspan: TWY B: 12.0 m TWY M: 24.0 m to Hangar W1, 15.0 m from Hangar W1 to Museum TWY N: 24.0 m on section parallel to APRON EAST, 18.0 m east of TWY M to Hangar M1, 15.0 m east of Hangar M1. ASPH - PCR 295/F/C/Y/U |
| 3 | ACL location and elevation | not designated |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | NIL |

LSZR AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

| | | |
|---|---|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Taxi guide lines for parking stands on apron. Apron Safety Lines ACFT stand identification markings |
| 2 | RWY/TWY markings and LGT | Paved RWY markings: DTHR, designation, aiming point, TDZ and centre line. Grass RWY markings: Beginning, end and edge. TWY markings: Centre line (including on turn pads) and intermediate holding position. Markings at paved intersections with paved RWY: RWY holding position, mandatory instruction and enhanced TWY centre line. Markings at unpaved intersection with grass RWY: RWY holding position. RWY LGT: See LSZR AD 2.14 TWY LGT: See LSZR AD 2.15 |
| 3 | Stop bars and RWY guard lights | Stop bars: NIL RGL: TWY A, N and S. LIH, Y, no LED. |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | Mandatory instruction signs at all paved RWY holding positions. Information signs on the movement area. |

LSZR AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | | In circling area and at aerodrome | | 3 | |
|--|--|--------------|---------------------------|--|--------------|---------------------------|----------|
| 1 | | | | 2 | | 3 | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | |
| a | b | c | | a | b | c | |
| | | ft | | | ft | | |
| AOC 10 (1) | Pole | 1307 | 47 29 05 N 009 34 14 E | Pole LGTD | 1323 | 47 29 11 N 009 32 54 E | B0719/06 |
| AOC 10 (2) | Building | 1314 | 47 29 00 N 009 34 14 E | Antenna LGTD | 1342 | 47 29 06 N 009 33 16 E | B0167/04 |
| AOC 10 (3) | Antenna | 1322 | 47 29 00 N 009 34 14 E | Pole marked/LGTD | 1339 | 47 29 01 N 009 34 00 E | B1310/13 |
| AOC 10 (4) | Tree/Trees | 1325 | 47 29 05 N 009 34 25 E | Control tower LGTD | 1360 | 47 29 16 N 009 33 10 E | B0718/06 |
| AOC 10 (5) | Tree/Trees | 1331 | 47 28 56 N 009 34 30 E | Crane/Cranes marked/LGTD | 1409 | 47 29 07 N 009 32 42 E | B0160/22 |
| AOC 10 (6) | Tree/Trees | 1338 | 47 28 57 N 009 34 30 E | Crane/Cranes marked/LGTD | 1384 | 47 29 11 N 009 34 02 E | B0377/22 |
| AOC 10 (7) | Tree/Trees | 1405 | 47 29 05 N 009 34 37 E | Pole LGTD | 1315 | 47 29 06 N 009 33 20 E | B0097/09 |
| AOC 10 (8) | Tree/Trees | 1416 | 47 29 04 N 009 34 46 E | | | | |
| AOC 10 (9) | Tree/Trees | 1426 | 47 29 04 N 009 34 47 E | | | | |
| | | | | | | | |
| AOC 28 (1) | Pole | 1313 | 47 29 13 N 009 33 59 E | | | | |
| AOC 28 (2) | Pole | 1315 | 47 29 08 N 009 32 58 E | | | | |
| AOC 28 (3) | Tree/Trees | 1326 | 47 29 07 N 009 32 58 E | | | | |
| AOC 28 (4) | Tree/Trees | 1343 | 47 29 08 N 009 32 57 E | | | | |
| AOC 28 (5) | Antenna | 1347 | 47 29 08 N 009 32 49 E | | | | |
| AOC 28 (6) | Antenna | 1349 | 47 29 08 N 009 32 48 E | | | | |
| AOC 28 (7) | Building | 1350 | 47 29 16 N 009 32 43 E | | | | |
| AOC 28 (8) | Tree/Trees | 1358 | 47 29 08 N 009 32 41 E | | | | |
| AOC 28 (9) | Tree/Trees | 1375 | 47 29 09 N 009 32 40 E | | | | |
| Refer also to LSZR AOC 10/28, LSZR AD 2.24.4 - 1 Number in brackets is equivalent to identification number on AOC | | | | | | | |

LSZR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|--|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | HX |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Zurich 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com), WLAN Internet |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr |
| 7 | Charts and other information available for briefing or consultation | Self Briefing Service (www.skybriefing.com), WLAN Internet |
| 8 | Supplementary equipment available for providing information | WLAN Internet |
| 9 | ATS units provided with information | St. Gallen TWR |
| 10 | Additional information (limitation of service, etc.) | Ground Services +41 (0) 71 858 51 65 and WLAN Internet |

LSZR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|---------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 10 | 099° GEO 097° MAG | 1455 x 30 | PCR 295/F/C/Y/U ASPH | 47 29 09.57N 009 33 05.74E | 1306 ft | Refer to: LSZR AOC RWY 10/28 |
| 28 | 279° GEO 277° MAG | | | 47 29 03.04N 009 34 08.31E | 1306 ft | |
| 10 GRASS | 099° GEO 097° MAG | 810 x 20 | 0.25 MPa GRASS | NIL | NIL | NIL |
| 28 GRASS | 279° GEO 277° MAG | | | | | |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|---|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 10 | NIL | 60 x 150 | 1575 x 80 | NIL | RWY Strip and RESA dimensions according to non-instrument RWY criteria. RESA: 30 x 60 m Grooved between DTHR (1325 m) |
| 28 | | 60 x 150 | | | Non-instrument RWY RESA: 30 x 60 m Grooved between DTHR (1325 m) |
| 10 GRASS | NIL | NIL | 870 x 60 | N/A | NIL |
| 28 GRASS | | | | | |

LSZS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|--|
| 1 | Designation, surface and strength of Aprons | CONC and ASPH / PCR 300/F/C/X/U |
| 2 | Designation, width, surface and strength of Taxiways | 10 m / CONC and ASPH / PCR 300/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 |

LSZS AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

| | | |
|---|---|---|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | NIL |
| 2 | RWY/TWY markings and LGT | RCL and THR marked, not lighted. Holding positions RWY 03/21, intermediate holding positions and TWY centre lines marked, not lighted. |
| 3 | Stop bars and RWY guard lights | NIL |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | NIL |

LSZS AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | | In circling area and at aerodrome | | 3 |
|------------------------|--|---------------------------|--|--|----------|---|
| 1 | | | 2 | | 3 | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | |
| a | b | c | a | b | c | |
| | <i>ft</i> | | | <i>ft</i> | | |
| AOC 03 (1) | Bridge 5584 | 46 32 32 N 009 53 21 E | Anemometer LGTD 5627 | 46 31 35 N 009 52 46 E | B0743/06 | |
| AOC 03 (2) | Pole 5588 | 46 32 33 N 009 53 25 E | Anemometer marked/LGTD 5611 | 46 32 29 N 009 53 17 E | B0914/07 | |
| AOC 03 (3) | Pole 5589 | 46 32 33 N 009 53 28 E | Aerial railway 306 AGL | 46 30 29 N 009 49 06 E 46 30 20 N 009 47 16 E | B0339/02 | |
| AOC 03 (4) | Pole 5597 | 46 32 32 N 009 53 30 E | Power line 70 m AGL | 46 31 11 N 009 50 54 E 46 31 08 N 009 50 54 E | B0100/06 | |
| AOC 03 (5) | Tree/Trees 5598 | 46 32 39 N 009 53 35 E | Antenna 5655 | 46 31 48 N 009 52 43 E | B1213/17 | |
| AOC 03 (6) | Tree/Trees 5607 | 46 32 39 N 009 53 36 E | | | | |
| AOC 03 (7) | Tree/Trees 5726 | 46 33 54 N 009 54 10 E | | | | |
| AOC 03 (8) | Tree/Trees 6026 | 46 34 07 N 009 54 21 E | | | | |
| AOC 03 (9) | Power line 6128 | 46 34 19 N 009 54 36 E | | | | |
| AOC 03 (10) | Tree/Trees 6252 | 46 35 09 N 009 55 37 E | | | | |
| AOC 03 (11) | Tree/Trees 6377 | 46 35 10 N 009 55 39 E | | | | |
| AOC 21 (1) | Torch 5616 | 46 31 33 N 009 52 36 E | | | | |

| In approach/TKOF areas | | | | In circling area and at aerodrome | | |
|--|--|--------------|---------------------------|--|--------------|-----|
| 1 | | | | 2 | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK |
| a | b | | c | a | b | c |
| AOC 21 (2) | Pole | 5638 | 46 31 28 N 009 52 27 E | | | |
| AOC 21 (3) | Pole | 5641 | 46 31 27 N 009 52 28 E | | | |
| AOC 21 (4) | Pole | 5648 | 46 31 26 N 009 52 28 E | | | |
| AOC 21 (5) | Tree/Trees | 5667 | 46 31 12 N 009 52 20 E | | | |
| AOC 21 (6) | Tree/Trees | 5707 | 46 31 11 N 009 52 21 E | | | |
| AOC 21 (7) | Tree/Trees | 5712 | 46 31 10 N 009 52 19 E | | | |
| AOC 21 (8) | Tree/Trees | 5734 | 46 31 11 N 009 52 17 E | | | |
| AOC 21 (9) | Tree/Trees | 5746 | 46 31 01 N 009 52 19 E | | | |
| AOC 21 (10) | Tree/Trees | 5862 | 46 30 58 N 009 52 18 E | | | |
| AOC 21 (11) | Tree/Trees | 5906 | 46 30 29 N 009 51 53 E | | | |
| AOC 21 (12) | Tree/Trees | 6374 | 46 30 00 N 009 51 33 E | | | |
| AOC 21 (13) | Tree/Trees | 6461 | 46 29 45 N 009 49 59 E | | | |
| AOC 21 (14) | Tree/Trees | 6628 | 46 29 41 N 009 49 52 E | | | |
| AOC 21 (15) | Cable railway | 6846 | 46 29 30 N 009 49 30 E | | | |
| Refer also to AOC 03, LSZS AD 2.24.4 - 1 AOC 21, LSZS AD 2.24.4 - 3 | | | | | | |

LSZS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|--|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Zurich 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com) |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr |
| 7 | Charts and other information available for briefing or consultation | All area FCST charts AVBL worldwide |
| 8 | Supplementary equipment available for providing information | do. |
| 9 | ATS units provided with information | Samedan AFIS |
| 10 | Additional information (limitation of service, etc.) | Phone: Weather briefing: 0900 162 737 (Ge); accessible within Switzerland |

LSZS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 03 | 029° GEO 026° MAG | 1840 x 40 | PCR 300/F/C/X/U | 46 31 37.28N 009 52 41.13E | 5602 ft | refer to: LSZS AOC RWY 03/21 |
| 21 | 209° GEO 206° MAG | | | 46 32 26.27N 009 53 20.85E | 5573 ft | |

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|--------------------|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 03 | NIL | NIL | 1960 x 80 | NIL | Non-instrument RWY |
| 21 | | | | | Non-instrument RWY |

LSZS AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|----------|----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 03 | 1840 m | 1840 m | 1840 m | 1840 m | NIL |
| 21 | 1840 m | 1840 m | 1840 m | 1730 m | NIL |

LSZS AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT type LEN INTST | THR LGT colour WBAR | VASIS (MEHT) PAPI | TDZ LGT LEN | RWY Centre Line LGT Length, spacing, colour, INTST | RWY edge LGT LEN, spacing, colour, INTST | RWY End LGT colour WBAR | SWY LGT LEN (m) colour | Remarks |
|----------------|----------------------------|------------------------|--------------------------------|----------------|---|---|-------------------------------|------------------------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 03 | NIL | NIL | PAPI 4.49°, R, (13.67 m) | NIL | NIL | NIL | NIL | NIL | 1) |
| 21 | NIL | NIL | PAPI 4.4°, L, (8.27 m) | NIL | NIL | NIL | NIL | NIL | 2) |

1) PAPI 03 light beam offset 5° west from runway axis. ICAO obstacle protection surface penetrated by a hill between ZS705 and THR 03.
2) PAPI 21 light beam offset 5° east from runway axis.

LSZS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

LSZS AD 2.16 HELICOPTER LANDING AREA

| | | |
|---|---|--|
| 1 | Coordinates TLOF or THR of FATO | FATO (aiming point): 46 31 52.98 N 009 52 53.88 E |
| | Geoid undulation | NIL |
| 2 | TLOF and/or FATO elevation | 5600 ft / 1707 m |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | <p>HEL with overall LEN <13 m or an overall WID <11 m TLOF: Whole year 5 HEL CONC/ASPH, 5000 kg, white marked circles with a diameter of 6.5 m; Winter only: 7 additional HEL stands, SNOW, 5000 kg, blue marked circles with a diameter of 6.5 m. FATO: 40 x 40 m, ASPH, 5000 kg, aiming point marked on RWY 03/21.</p> <p>HEL with overall LEN >13 m or an overall WID >11 m TLOF: Parking on main apron with marshaller FATO: 1840 x 40 m, ASPH, 5000 kg, aiming point marked on RWY 03/21.</p> |
| 4 | True BRG of FATO | 029° - 209° |
| 5 | Declared distance available | REF: VFR Manual Samedan HEL AD INFO, § 10 |
| 6 | APP and FATO lighting | NIL |
| 7 | Remarks | <p>REF: VFR Manual Samedan HEL AD INFO 7 HEL with overall LEN >13 m or an overall WID >11 m use VAC ARRIVAL and VAC DEPARTURE for operations on paved RWY. PPR TEL +41 (0) 81 851 08 51 PPR FAX +41 (0) 81 851 08 59 Email: handling@engadin-airport.ch - contact AFISO (AD Flight Information Service Officer) for start-up - report crossing of IFR APCH and DEP route to AFIS</p> |

LSGS AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|--|
| 1 | Type(s) of clearing equipment | 4 snow blowers, 4 snow ploughs, 4 jet sweepers, 3 RWY de-icer, 1 aircraft de-icer |
| 2 | Clearance priorities | 1. RWY and associated TWY to apron 2. Other TWY and ACFT stands |
| 3 | Remarks | Information on snow clearance published from NOV 01 - APR 30 in NOTAM (SNOWTAM) RWY 07/25 de-iced / anti-iced with betaine: BETAFROST (liquid) / NUTRISTIM (solid). |

LSGS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|--|---|
| 1 | Designation, surface and strength of Aprons | CONC / ASPH PCR 377/F/B/X/U |
| 2 | Designation, width, surface and strength of Taxiways | 15/20 m CONC / ASPH PCR 377/F/B/X/U Details: Ref to LSGS AD 2.24 . 1/2 |
| 3 | ACL location and elevation | No ACL markings |
| 4 | Location of VOR checkpoints | NIL |
| 5 | Location of INS checkpoints | NIL |
| 6 | Remarks | NIL |

LSGS AD 2.9 SURFACE MOVEMENT GUIDANCE, CONTROL SYSTEM AND MARKINGS

| | | |
|---|---|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | ACFT stand identification markings. Lead-in, stop and lead-out lines. Apron safety lines. Marshalling available on sectors North, Grély and South-East. |
| 2 | RWY/TWY markings and LGT | RWY markings: D-THR, designation, centre line and pre-THR area, side stripe. RWY LGT: see LSGS AD 2.14 TWY markings: Centre line, intermediate holding positions, runway holding position and mandatory instruction at all intersections with RWY. TWY LGT: see LSGS AD 2.15 Mandatory instruction signs at all RWY holding positions. Information signs on the movement area. |
| 3 | Stop bars and RWY guard lights | Stop bars: NIL RWY guard lights: on TWY A and B |
| 4 | Other RWY protection measures | NIL |
| 5 | Remarks | The portion of TWY A east of TWY B is located within the runway strip. No use without ATC instructions. |

LSGS AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | | In circling area and at aerodrome | | | |
|------------------------|--|--------------|---------------------------|--|--------------|---|----------|
| 1 | | | | 2 | | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | | RMK |
| a | b | c | | a | b | c | |
| | | ft | | | ft | | |
| AOC 07 (1) | Enclosure | 1591 | 46 13 22 N 007 20 23 E | Power line | 85m AGL | 46 15 47 N 007 14 30 E 46 15 27 N 007 14 14 E | B0060/02 |
| AOC 07 (2) | Pole | 1592 | 46 13 23 N 007 20 24 E | Building | 1677 | 46 13 31 N 007 21 26 E | |
| AOC 07 (3) | Tree/Trees | 1611 | 46 13 24 N 007 20 31 E | Antenna marked | 4216 | 46 11 30 N 007 20 04 E | |
| AOC 07 (3a) | Tree/Trees | 1628 | 46 13 22 N 007 20 43 E | Building LGTD | 1624 | 46 13 29 N 007 20 53 E | |
| AOC 07 (3b) | Tree/Trees | 1645 | 46 13 32 N 007 20 56 E | Tree/trees | 1804 | 46 13 04 N 007 18 26 E | |
| AOC 07 (4) | Tree/Trees | 1681 | 46 13 33 N 007 20 59 E | Tree/trees | 1844 | 46 13 11 N 007 18 44 E | |
| AOC 07 (5) | Tree/Trees | 1689 | 46 13 33 N 007 20 59 E | Crane/cranes | 1686 | 46 12 55 N 007 17 53 E | B0032/04 |
| AOC 07 (6) | Tree/Trees | 1711 | 46 13 37 N 007 21 14 E | Tower/Mast marked | 1693 | 46 12 51 N 007 18 41 E | |
| AOC 07 (7) | Tempo crane | 1754 | 46 13 42 N 007 21 39 E | Building | 1614 | 46 13 20 N 007 20 08 E | |
| AOC 07 (8) | Power line | 1920 | 46 14 03 N 007 24 46 E | Building | 1670 | 46 13 29 N 007 20 36 E | |
| AOC 07 (9) | Tree/Trees | 1940 | 46 14 05 N 007 24 52 E | Building | 1690 | 46 13 21 N 007 19 54 E | |
| AOC 07 (10) | Tree/Trees | 2081 | 46 14 05 N 007 24 57 E | Tree/trees | 1634 | 46 13 15 N 007 19 43 E | |
| AOC 07 (11) | Tree/Trees | 2200 | 46 14 07 N 007 25 04 E | Power line | 90 m AGL | 46 13 13 N 007 14 50 E 46 13 20 N 007 14 43 E 46 13 28 N 007 14 43 E | B0059/02 |
| AOC 07 (12) | Tree/Trees | 2337 | 46 14 09 N 007 25 09 E | Building LGTD | 1611 | 46 13 19 N 007 20 01 E | B0391/14 |
| AOC 07 (13) | Tree/Trees | 2501 | 46 14 10 N 007 25 15 E | Crane/cranes marked/LGTD | 1670 | 46 13 12 N 007 20 19 E | B0411/05 |
| AOC 07 (14) | Tree/Trees | 2590 | 46 14 12 N 007 25 24 E | Crane/cranes marked | 1690 | 46 13 28 N 007 20 19 E | B0322/22 |
| AOC 07 (15) | Tree/Trees | 2735 | 46 14 14 N 007 25 30 E | Aerial railway marked | 3649 | 46 10 16 N 007 13 17 E 46 09 52 N 007 14 39 E | B0360/09 |
| AOC 07 (16) | Tree/Trees | 2865 | 46 14 21 N 007 25 50 E | | | | |
| | | | | | | | |
| AOC 25 (1) | Enclosure | 1585 | 46 13 01 N 007 18 49 E | Antenna | 1697 | 46 13 40 N 007 21 32 E | B0512/06 |
| AOC 25 (2) | Tree/Trees | 1590 | 46 13 01 N 007 18 49 E | Crane marked/LGTD | 1664 | 46 12 52 N 007 17 43 E | B1102/07 |
| AOC 25 (3) | Tree/Trees | 1591 | 46 13 01 N 007 18 44 E | Antenna LGTD | 1631 | 46 13 11 N 007 19 12 E | B0488/08 |

| In approach/TKOF areas | | | | In circling area and at aerodrome | | | |
|---|--|--------------|---------------------------|--|--------------|---------------------------|----------|
| 1 | | | | 2 | | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | |
| a | b | | c | a | | b | c |
| | | ft | | | ft | | |
| AOC 25 (4) | Pole | 1592 | 46 12 56 N 007 18 45 E | Chimney LGTD | 1629 | 46 13 30 N 007 20 55 E | B1240/13 |
| AOC 25 (5) | Pole | 1596 | 46 12 56 N 007 18 41 E | Tower/Mast LGTD | 1613 | 46 13 07 N 007 19 49 E | B0629/05 |
| AOC 25 (6) | Building | 1600 | 46 12 59 N 007 18 39 E | Crane/Cranes marked/LGTD | 1761 | 46 13 43 N 007 21 46 E | B0064/22 |
| AOC 25 (7) | Building | 1602 | 46 13 00 N 007 18 36 E | Crane/Cranes marked/LGTD | 1663 | 46 13 22 N 007 20 01 E | B0882/14 |
| AOC 25 (8) | Building | 1608 | 46 13 00 N 007 18 35 E | Crane/Cranes marked/LGTD | 1657 | 46 12 51 N 007 17 55 E | B0105/15 |
| AOC 25 (9) | Pole | 1628 | 46 13 00 N 007 18 30 E | Crane/Cranes marked/LGTD | 1739 | 46 13 21 N 007 21 57 E | B0653/19 |
| AOC 25 (10) | Pole | 1631 | 46 12 59 N 007 18 27 E | Crane/Cranes marked/LGTD | 1729 | 46 13 41 N 007 21 35 E | B0609/22 |
| AOC 25 (11) | Tree/Trees | 1641 | 46 12 59 N 007 18 24 E | Crane/Cranes marked/LGTD | 1704 | 46 13 40 N 007 21 36 E | B1593/21 |
| AOC 25 (12) | Tree/Trees | 1669 | 46 12 52 N 007 18 27 E | | | | |
| AOC 25 (13) | Power line | 1696 | 46 12 46 N 007 18 10 E | Crane/Cranes marked/LGTD | 1754 | 46 13 42 N 007 21 39 E | B0185/22 |
| | | | | | | | |
| Refer also to LSGS AOC 07/25, LSGS AD 2.24.4 - 1 Number in brackets is equivalent to identification number on AOC. | | | | | | | |

LSGS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|---|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Geneva 9 hours |
| 4 | Type of landing forecast | NIL |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com) |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr |
| 7 | Charts and other information available for briefing or consultation | All area forecast charts available worldwide |
| 8 | Supplementary equipment available for providing information | Internet connection in the briefing room |
| 9 | ATS units provided with information | Sion TWR |
| 10 | Additional information (limitation of service, etc.) | Phone: Weather briefing: 0900 162 767 (Fr), 0900 162 737 (Ge); accessible within Switzerland |

LSGS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR elevation and highest elevation of TDZ of precision APP RWY | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|-------------------------------|---|------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 07 | 073° GEO 070° MAG | 2000 x 40 | PCR 377/F/B/X/U ASPH | 46 13 00.73N 007 18 55.42E | 1575 ft | Refer to: AOC 07/25 |
| 25 | 253° GEO 250° MAG | | | 46 13 18.56N 007 20 19.05E | 1582 ft | |
| 07 GRASS | 073° GEO 070° MAG | 660 x 30 | 0.25 MPa 5700 kg MPW ¹ GRASS | NIL | NIL | NIL |
| 25 GRASS | 253° GEO 250° MAG | | 0.25 MPa 5700 kg MPW ¹ GRASS | | | |

¹ Maximum permissible weight

| Designations RWY NR | SWY dimensions (m) | CWY dimensions (m) | Strip dimensions (m) | OFZ | Remarks |
|---------------------------|--------------------------|--------------------------|----------------------------|-----|--|
| 1 | 8 | 9 | 10 | 11 | 12 |
| 07 | NIL | 60 | 2120 x 150 | NIL | Non-instrument runway not grooved RESA: 90 m |
| 25 | | 60 | | | Non-instrument runway not grooved RESA: 90 m |
| 07 GRASS | NIL | NIL | 720 x 60 | NIL | Only VFR operations (see LSGS AD INFO) |
| 25 GRASS | | | | | |

LSGS AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (m) | TODA (m) | ASDA (m) | LDA (m) | Remarks |
|-------------------|----------|----------|----------|----------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | 2000 | 2060 | 2000 | 1935 | MAX length |
| | 1500 | 1560 | 1500 | Not applicable | Intersection H |
| | 1150 | 1210 | 1150 | Not applicable | Intersection G |
| 25 | 2000 | 2060 | 2000 | 1940 | MAX length |
| | 1800 | 1860 | 1800 | Not applicable | Intersection E |
| | 1625 | 1685 | 1625 | Not applicable | Intersection B |
| | 1355 | 1415 | 1355 | Not applicable | Intersection C |
| | 1330 | 1390 | 1330 | Not applicable | Intersection F |
| 07 GRASS | 560 | 560 | 560 | 660 | Only VFR operations (see LSGS AD INFO) |
| 25 GRASS | 660 | 660 | 660 | 560 | |

LSZH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|--|
| 1 | AD category for fire fighting | Category 10 |
| 2 | Rescue equipment | Available |
| 3 | Capability for removal of disabled aircraft | Yes |
| 4 | Remarks | Fire Brigade available when ACFT on ground on 123.100 MHz in German and English. Ask ATC for frequency change on second set. |

LSZH AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-------------------------------|---|
| 1 | Type(s) of clearing equipment | 8 snow blowers, 17 snow ploughs, 19 ACFT de-icers, 11 RWY and apron de-icers, 25 jet sweepers |
| 2 | Clearance priorities | Varies according to conditions at AD |
| 3 | Remarks | All Rwys / Twys / Aprons de-iced / anti-iced with KFOR (potassium formate fluids) |

LSZH AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| 1 | Designation, surface and strength of Aprons | CONC - PCR 1260/R/B/W/T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|--|--|----------------------------|-----|----------------------------|--|----|--------------|----|--------------|----|--------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|--|--|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|--|--|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|--|--|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|--|--|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|--|--|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|--|--|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|-----|----------------------------|
| 2 | Designation, width, surface and strength of Taxiways | WID: 27 m and 23 m CONC - PCR 1260/R/B/W/T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ACL location and elevation | Beginning RWY 10: 1391 ft Beginning RWY 28: 1416 ft Beginning RWY 14: 1402 ft Beginning RWY 32: 1402 ft Beginning RWY 16: 1390 ft Beginning RWY 34: 1385 ft Parking sector A: 1400 ft Parking sector C, D: 1390 ft Parking sector B, I: 1397 ft Parking sector E: 1395 ft Parking sector F: 1407 ft Parking sector H: 1404 ft Parking sector P: 1385 ft Parking sector T: 1394 ft Parking sector W: 1382 ft | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Location of VOR checkpoints | NIL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Location of INS checkpoints | <table border="1"> <thead> <tr> <th>NR</th> <th>COORD WGS 84</th> <th>NR</th> <th>COORD WGS 84</th> <th>NR</th> <th>COORD WGS 84</th> </tr> </thead> <tbody> <tr><td>A02</td><td>47 27 12.59N 008 33 31.05E</td><td>A57</td><td>47 27 15.58N 008 33 20.44E</td><td>C53</td><td>47 26 52.13N 008 33 43.45E</td></tr> <tr><td>A03</td><td>47 27 14.35N 008 33 40.18E</td><td></td><td></td><td>C54</td><td>47 26 50.34N 008 33 44.68E</td></tr> <tr><td>A04</td><td>47 27 12.40N 008 33 29.08E</td><td>B31</td><td>47 27 05.67N 008 33 35.65E</td><td>C55</td><td>47 26 49.94N 008 33 45.04E</td></tr> <tr><td>A05</td><td>47 27 14.42N 008 33 38.15E</td><td></td><td></td><td>C56</td><td>47 26 49.06N 008 33 45.56E</td></tr> <tr><td>A07</td><td>47 27 14.56N 008 33 36.01E</td><td>B33</td><td>47 27 05.87N 008 33 33.66E</td><td>C57</td><td>47 26 47.81N 008 33 46.50E</td></tr> <tr><td>A08</td><td>47 27 13.03N 008 33 25.29E</td><td></td><td></td><td>C58</td><td>47 26 46.51N 008 33 47.32E</td></tr> <tr><td>A09</td><td>47 27 14.50N 008 33 33.99E</td><td>B35</td><td>47 27 05.81N 008 33 32.29E</td><td>C59</td><td>47 26 45.72N 008 33 48.10E</td></tr> <tr><td>A10</td><td>47 27 12.97N 008 33 23.34E</td><td>B36</td><td>47 27 01.24N 008 33 32.90E</td><td>C60</td><td>47 26 45.24N 008 33 48.20E</td></tr> <tr><td>A11</td><td>47 27 15.08N 008 33 28.87E</td><td>B37</td><td>47 27 05.55N 008 33 31.60E</td><td></td><td></td></tr> <tr><td>A13</td><td>47 27 15.28N 008 33 26.86E</td><td>B38</td><td>47 27 01.55N 008 33 30.88E</td><td>D01</td><td>47 26 55.25N 008 33 29.93E</td></tr> <tr><td>A15</td><td>47 27 15.29N 008 33 24.82E</td><td>B39</td><td>47 27 06.05N 008 33 28.94E</td><td>D02</td><td>47 26 54.92N 008 33 30.01E</td></tr> <tr><td>A17</td><td>47 27 15.27N 008 33 22.78E</td><td>B41</td><td>47 27 06.35N 008 33 26.97E</td><td>D03</td><td>47 26 53.90N 008 33 30.86E</td></tr> <tr><td></td><td></td><td>B43</td><td>47 27 06.48N 008 33 25.62E</td><td>D04</td><td>47 26 52.95N 008 33 31.26E</td></tr> <tr><td>A42</td><td>47 27 11.77N 008 33 36.63E</td><td>B45</td><td>47 27 06.51N 008 33 24.98E</td><td>D05</td><td>47 26 52.58N 008 33 32.00E</td></tr> <tr><td>A44</td><td>47 27 12.13N 008 33 33.96E</td><td></td><td></td><td>D06</td><td>47 26 49.00N 008 33 34.74E</td></tr> <tr><td>A46</td><td>47 27 12.38N 008 33 30.37E</td><td>C50</td><td>47 26 54.70N 008 33 41.76E</td><td>D07</td><td>47 26 48.09N 008 33 34.47E</td></tr> <tr><td>A48</td><td>47 27 12.64N 008 33 27.17E</td><td>C51</td><td>47 26 53.41N 008 33 42.57E</td><td>D08</td><td>47 26 47.70N 008 33 35.45E</td></tr> <tr><td>A49</td><td>47 27 14.80N 008 33 31.35E</td><td>C52</td><td>47 26 52.57N 008 33 43.22E</td><td>D09</td><td>47 26 46.35N 008 33 36.38E</td></tr> </tbody> </table> | | | | | NR | COORD WGS 84 | NR | COORD WGS 84 | NR | COORD WGS 84 | A02 | 47 27 12.59N 008 33 31.05E | A57 | 47 27 15.58N 008 33 20.44E | C53 | 47 26 52.13N 008 33 43.45E | A03 | 47 27 14.35N 008 33 40.18E | | | C54 | 47 26 50.34N 008 33 44.68E | A04 | 47 27 12.40N 008 33 29.08E | B31 | 47 27 05.67N 008 33 35.65E | C55 | 47 26 49.94N 008 33 45.04E | A05 | 47 27 14.42N 008 33 38.15E | | | C56 | 47 26 49.06N 008 33 45.56E | A07 | 47 27 14.56N 008 33 36.01E | B33 | 47 27 05.87N 008 33 33.66E | C57 | 47 26 47.81N 008 33 46.50E | A08 | 47 27 13.03N 008 33 25.29E | | | C58 | 47 26 46.51N 008 33 47.32E | A09 | 47 27 14.50N 008 33 33.99E | B35 | 47 27 05.81N 008 33 32.29E | C59 | 47 26 45.72N 008 33 48.10E | A10 | 47 27 12.97N 008 33 23.34E | B36 | 47 27 01.24N 008 33 32.90E | C60 | 47 26 45.24N 008 33 48.20E | A11 | 47 27 15.08N 008 33 28.87E | B37 | 47 27 05.55N 008 33 31.60E | | | A13 | 47 27 15.28N 008 33 26.86E | B38 | 47 27 01.55N 008 33 30.88E | D01 | 47 26 55.25N 008 33 29.93E | A15 | 47 27 15.29N 008 33 24.82E | B39 | 47 27 06.05N 008 33 28.94E | D02 | 47 26 54.92N 008 33 30.01E | A17 | 47 27 15.27N 008 33 22.78E | B41 | 47 27 06.35N 008 33 26.97E | D03 | 47 26 53.90N 008 33 30.86E | | | B43 | 47 27 06.48N 008 33 25.62E | D04 | 47 26 52.95N 008 33 31.26E | A42 | 47 27 11.77N 008 33 36.63E | B45 | 47 27 06.51N 008 33 24.98E | D05 | 47 26 52.58N 008 33 32.00E | A44 | 47 27 12.13N 008 33 33.96E | | | D06 | 47 26 49.00N 008 33 34.74E | A46 | 47 27 12.38N 008 33 30.37E | C50 | 47 26 54.70N 008 33 41.76E | D07 | 47 26 48.09N 008 33 34.47E | A48 | 47 27 12.64N 008 33 27.17E | C51 | 47 26 53.41N 008 33 42.57E | D08 | 47 26 47.70N 008 33 35.45E | A49 | 47 27 14.80N 008 33 31.35E | C52 | 47 26 52.57N 008 33 43.22E | D09 | 47 26 46.35N 008 33 36.38E |
| NR | COORD WGS 84 | NR | COORD WGS 84 | NR | COORD WGS 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A02 | 47 27 12.59N 008 33 31.05E | A57 | 47 27 15.58N 008 33 20.44E | C53 | 47 26 52.13N 008 33 43.45E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A03 | 47 27 14.35N 008 33 40.18E | | | C54 | 47 26 50.34N 008 33 44.68E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A04 | 47 27 12.40N 008 33 29.08E | B31 | 47 27 05.67N 008 33 35.65E | C55 | 47 26 49.94N 008 33 45.04E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A05 | 47 27 14.42N 008 33 38.15E | | | C56 | 47 26 49.06N 008 33 45.56E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A07 | 47 27 14.56N 008 33 36.01E | B33 | 47 27 05.87N 008 33 33.66E | C57 | 47 26 47.81N 008 33 46.50E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A08 | 47 27 13.03N 008 33 25.29E | | | C58 | 47 26 46.51N 008 33 47.32E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A09 | 47 27 14.50N 008 33 33.99E | B35 | 47 27 05.81N 008 33 32.29E | C59 | 47 26 45.72N 008 33 48.10E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A10 | 47 27 12.97N 008 33 23.34E | B36 | 47 27 01.24N 008 33 32.90E | C60 | 47 26 45.24N 008 33 48.20E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A11 | 47 27 15.08N 008 33 28.87E | B37 | 47 27 05.55N 008 33 31.60E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A13 | 47 27 15.28N 008 33 26.86E | B38 | 47 27 01.55N 008 33 30.88E | D01 | 47 26 55.25N 008 33 29.93E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A15 | 47 27 15.29N 008 33 24.82E | B39 | 47 27 06.05N 008 33 28.94E | D02 | 47 26 54.92N 008 33 30.01E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A17 | 47 27 15.27N 008 33 22.78E | B41 | 47 27 06.35N 008 33 26.97E | D03 | 47 26 53.90N 008 33 30.86E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | B43 | 47 27 06.48N 008 33 25.62E | D04 | 47 26 52.95N 008 33 31.26E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A42 | 47 27 11.77N 008 33 36.63E | B45 | 47 27 06.51N 008 33 24.98E | D05 | 47 26 52.58N 008 33 32.00E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A44 | 47 27 12.13N 008 33 33.96E | | | D06 | 47 26 49.00N 008 33 34.74E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A46 | 47 27 12.38N 008 33 30.37E | C50 | 47 26 54.70N 008 33 41.76E | D07 | 47 26 48.09N 008 33 34.47E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A48 | 47 27 12.64N 008 33 27.17E | C51 | 47 26 53.41N 008 33 42.57E | D08 | 47 26 47.70N 008 33 35.45E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A49 | 47 27 14.80N 008 33 31.35E | C52 | 47 26 52.57N 008 33 43.22E | D09 | 47 26 46.35N 008 33 36.38E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 5 | Location of INS checkpoints | | | | | |
|---|-----------------------------|----------------------------|--|----------------------------|-----|----------------------------|
| | NR | COORD WGS 84 | NR | COORD WGS 84 | NR | COORD WGS 84 |
| | D10 | 47 26 45.49N 008 33 36.25E | E64 | 47 27 41.12N 008 33 04.63E | T44 | 47 26 35.54N 008 33 56.25E |
| | D11 | 47 26 45.11N 008 33 37.24E | E67 | 47 27 42.19N 008 33 04.18E | T45 | 47 26 46.45N 008 33 59.87E |
| | D12 | 47 26 43.76N 008 33 38.17E | | | T46 | 47 26 45.07N 008 34 00.23E |
| | D13 | 47 26 42.90N 008 33 38.04E | F70 | 47 27 17.95N 008 34 04.41E | T51 | 47 26 49.50N 008 33 57.45E |
| | D14 | 47 26 42.51N 008 33 39.03E | F71 | 47 27 18.23N 008 34 00.43E | T52 | 47 26 48.88N 008 33 55.51E |
| | D15 | 47 26 41.16N 008 33 39.96E | F72 | 47 27 18.51N 008 33 56.45E | T53 | 47 26 48.27N 008 33 53.56E |
| | D16 | 47 26 40.30N 008 33 39.83E | | | T54 | 47 26 47.25N 008 33 51.89E |
| | D17 | 47 26 39.91N 008 33 40.81E | G01 | 47 26 33.89N 008 33 38.03E | T55 | 47 26 47.26N 008 33 50.46E |
| | | | G02 | 47 26 32.51N 008 33 38.97E | T56 | 47 26 26.70N 008 33 49.90E |
| | E4M | 47 27 38.86N 008 33 15.85E | G03 | 47 26 31.13N 008 33 39.92E | T60 | 47 26 39.19N 008 33 47.42E |
| | E5M | 47 27 39.25N 008 33 08.66E | G04 | 47 26 29.75N 008 33 40.87E | T61 | 47 26 39.22N 008 33 46.47E |
| | | | G05 | 47 26 28.37N 008 33 41.82E | T62 | 47 26 38.57N 008 33 45.47E |
| | E19 | 47 27 41.16N 008 33 30.08E | G06 | 47 26 27.08N 008 33 43.05E | T63 | 47 26 37.95N 008 33 43.52E |
| | E20 | 47 27 38.04N 008 33 30.07E | G11 | 47 26 32.90N 008 33 46.37E | | |
| | E23 | 47 27 40.85N 008 33 27.92E | G12 | 47 26 31.55N 008 33 47.13E | W01 | 47 26 53.81N 008 32 56.31E |
| | E26 | 47 27 38.05N 008 33 26.60E | G13 | 47 26 30.28N 008 33 48.12E | W02 | 47 26 53.98N 008 32 58.59E |
| | E27 | 47 27 41.13N 008 33 24.48E | G14 | 47 26 28.97N 008 33 49.02E | W03 | 47 26 55.11N 008 33 00.42E |
| | E32 | 47 27 38.18N 008 33 23.26E | | | W04 | 47 26 55.58N 008 33 03.02E |
| | E33 | 47 27 41.85N 008 33 21.81E | H11 | 47 27 20.38N 008 33 41.52E | W05 | 47 26 56.14N 008 33 04.79E |
| | E34 | 47 27 38.33N 008 33 22.58E | H12 | 47 27 20.66N 008 33 38.08E | W21 | 47 26 54.19N 008 32 56.76E |
| | E35 | 47 27 41.32N 008 33 21.03E | H13 | 47 27 20.80N 008 33 36.06E | W22 | 47 26 55.18N 008 32 59.90E |
| | E36 | 47 27 38.07N 008 33 21.15E | H14 | 47 27 20.95N 008 33 34.05E | W23 | 47 26 56.29N 008 33 03.40E |
| | E37 | 47 27 41.87N 008 33 19.72E | | | W30 | 47 26 55.15N 008 32 59.23E |
| | E42 | 47 27 38.61N 008 33 19.14E | I01 | 47 27 21.39N 008 33 26.87E | W40 | 47 27 15.27N 008 32 47.27E |
| | E43 | 47 27 41.57N 008 33 17.59E | I02 | 47 27 21.51N 008 33 24.72E | W41 | 47 27 12.54N 008 32 45.21E |
| | E44 | 47 27 38.20N 008 33 17.00E | I03 | 47 27 21.74N 008 33 21.50E | W42 | 47 27 11.32N 008 32 44.49E |
| | E45 | 47 27 42.10N 008 33 15.58E | I04 | 47 27 21.89N 008 33 19.36E | W43 | 47 27 10.11N 008 32 43.77E |
| | E46 | 47 27 38.87N 008 33 15.71E | I05 | 47 27 22.04N 008 33 17.22E | W44 | 47 27 08.66N 008 32 42.68E |
| | E47 | 47 27 41.86N 008 33 14.15E | | | W45 | 47 27 08.44N 008 32 41.22E |
| | E48 | 47 27 38.33N 008 33 14.93E | P31 | 47 27 48.26N 008 33 11.51E | W46 | 47 27 07.45N 008 32 41.94E |
| | E49 | 47 27 42.05N 008 33 13.48E | P32 | 47 27 48.41N 008 33 09.45E | W47 | 47 27 06.99N 008 32 40.68E |
| | E50 | 47 27 38.92N 008 33 12.93E | P33 | 47 27 48.55N 008 33 07.38E | W50 | 47 27 07.74N 008 32 52.30E |
| | E51 | 47 27 42.77N 008 33 10.93E | P34 | 47 27 48.70N 008 33 05.31E | W51 | 47 27 09.62N 008 32 52.65E |
| | E52 | 47 27 39.06N 008 33 12.26E | P35 | 47 27 49.10N 008 32 58.19E | W52 | 47 27 08.18N 008 32 52.35E |
| | E53 | 47 27 42.10N 008 33 10.13E | P36 | 47 27 50.38N 008 32 57.32E | W53 | 47 27 06.87N 008 32 51.58E |
| | E54 | 47 27 38.82N 008 33 10.83E | P37 | 47 27 51.66N 008 32 56.44E | W54 | 47 27 06.37N 008 32 51.76E |
| | E55 | 47 27 42.81N 008 33 08.85E | | | W55 | 47 27 05.57N 008 32 50.81E |
| | E56 | 47 27 39.34N 008 33 08.82E | T41 | 47 26 38.04N 008 34 01.46E | W56 | 47 27 04.12N 008 32 50.75E |
| | E57 | 47 27 42.34N 008 33 06.69E | T42 | 47 26 37.23N 008 34 00.20E | W57 | 47 27 02.87N 008 32 49.57E |
| | E58 | 47 27 38.72N 008 33 06.88E | T43 | 47 26 36.40N 008 33 58.33E | W58 | 47 27 01.92N 008 32 49.52E |
| | E62 | 47 27 39.91N 008 33 05.72E | | | W59 | 47 27 01.56N 008 32 48.80E |
| | | | | | W60 | 47 27 00.49N 008 32 48.98E |
| 6 | Remarks | | Transverse slopes of following taxiway strips partially exceeding downward slope of 5 % beyond graded portion: - TWY BRAVO (western part) - TWY ECHO (between E3 and E1, between TWY DELTA and CHARLIE) - TWY FOXTROTT (between TWY DELTA and CHARLIE) - TWY GOLF (eastern part) | | | |

LSZH 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 | <p>ACFT PRKG PSNs at Dock A, B and E - Docking and stopping procedure</p> <ul style="list-style-type: none"> Safegate Aircraft Docking Guidance System "Safedock A-VDGS T1" <p>Routine docking manoeuvre:</p> <ul style="list-style-type: none"> Check for correct ACFT type displayed (ICAO type designator according to ICAO Doc 8643). Note that the Airbus Neo series aircraft (A19N/A20N/A21N) are displayed as standard Airbus ICAO codes (A319/A320/A321). Same applies for Embraer 175 and Embraer 170-200 Aircraft, where short or long wing versions (E75S/E75L) are displayed as E175. Do not proceed beyond the passenger bridge unless a positive tracking of the aircraft has been established. This is indicated by changed displayed information, where a yellow guidance center line bar becomes visible. The position in relation to CL is indicated by yellow arrows. Additionally, arrows show direction of turn if aircraft is not aligned with CL. Display of digital countdown in meters starts at 15m before stop PSN. At the stop PSN the display will show "STOP" followed by "OK" if parked correctly. In case of overshooting the stop PSN, a "too far" indication is displayed. In any case where a safe docking process is not possible e.g., no guidance information displayed, error on display, obstacles in the path, wrong aircraft type, etc. stop the aircraft and request assistance from Apron Control. The color scheme of an ACFT may have a negative impact on the identification process. <p>ACFT PRKG PSNs C, D, F, G, H, I, P, T and W - Stopping procedure: Stop markings are located to the left with a 90-degree angle to the guide lines and visible from the left-hand pilot seat only. ACFT has to be stopped with the pilot seat ABM the stop line. (See: LSZH AD 2.24.3 - 1, inset)</p> |
| 2 | RWY/TWY markings and LGT | <p>RWY markings: DTHR, THR, designation, aiming point, TDZ and centre line. TWY markings: Centre line and intermediate holding position. (See: LSZH AD 2.24.1 - 1) Where no taxiway centre line markings are applied at runway exits, taxiing clearance distances using "cockpit over TWY CL" not ensured. Markings at all intersections with RWY: RWY holding position, mandatory instruction and enhanced TWY centre line. RWY LGT: See LSZH AD 2.14 TWY LGT: See LSZH AD 2.15</p> |
| 3 | Stop bars and RWY guard lights | <p>Stop bars: TWY A1, B, B1, B7, B9, E, E1, E2, E3, E4, E5, E6, E7, E8, E9, F, G, H1, H2, H3, J, K, L, L7, L9, R7 and R8. LIH, R, no LED. On the apron, taxiway centre line light section after stop bars (intermediate holding positions) not switchable. RGL: TWY A1, B, B1, B7, B9, E, E1, E2, E3, E5, E6, E7, E8, E9, F, G, H1, H2, H3, J, K, L, L7, L9, R7 and R8. LIL, Y, no LED. (See: LSZH AD 2.24.3 - 1 and LSZH AD 2.24.3 - 3)</p> |
| 4 | Other RWY protection measures | <p>RIMCAS: Runway Incursion Monitoring and Conflict Alerting System ARSI: Advanced Runway Safety Improvement</p> |
| 5 | Remarks | <p>Mandatory instruction signs at all RWY holding positions. Information signs on the movement area.</p> <ul style="list-style-type: none"> Backtrack RWY 16: Turn Pad AVBL at THR 16. Turns are executed from left to right only. Backtrack RWY 34: Turns are executed at E9 from right to left only. RWY 10/28: RWY HLDG PSNs are located 75 m from RCL. (See: LSZH AD 2.24.1 - 1) |

LSZH AD 2.10 AERODROME OBSTACLES

| In approach/TKOF areas | | | In circling area and at aerodrome | | | | |
|------------------------|--|--------------|--|-----------------------------|------|---------------------------|----------|
| 1 | | | 2 | | | 3 | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK | | |
| a | b | c | a | b | c | | |
| | | ft | | ft | | | |
| AOC 10 (1) | Pole | 1420 | 47 27 23 N 008 34 18 E | Church | 1588 | 47 25 56 N 008 34 38 E | A0087/08 |
| AOC 10 (2) | Pole | 1420 | 47 27 21 N 008 34 18 E | Building LGTD | 1483 | 47 27 27 N 008 34 25 E | A0096/01 |
| AOC 10 (3) | Pole | 1422 | 47 27 26 N 008 34 20 E | Antenna marked/LGTD | 1705 | 47 24 52 N 008 33 56 E | A0164/12 |
| AOC 10 (4) | Pole | 1426 | 47 27 20 N 008 34 20 E | Building LGTD | 1690 | 47 24 49 N 008 33 10 E | A0390/02 |
| AOC 10 (5) | Pole | 1428 | 47 27 23 N 008 34 25 E | Antenna marked/LGTD | 1435 | 47 28 23 N 008 32 23 E | A0198/07 |
| AOC 10 (6) | Enclosure | 1433 | 47 27 27 N 008 34 30 E | Radar marked/LGTD | 1526 | 47 27 52 N 008 33 03 E | A0393/02 |
| AOC 10 (7) | Pole | 1436 | 47 27 23 N 008 34 31 E | Crane/Cranes marked/LGTD | 1754 | 47 24 39 N 008 32 35 E | A0285/20 |
| AOC 10 (8) | Pole | 1440 | 47 27 20 N 008 34 31 E | RVR Camera | 1400 | 47 28 49 N 008 32 12 E | A0281/08 |
| AOC 10 (9) | Pole | 1442 | 47 27 22 N 008 34 34 E | Antenna marked/LGTD | 1766 | 47 24 39 N 008 32 38 E | A0635/08 |
| AOC 10 (10) | Pole | 1445 | 47 27 23 N 008 34 35 E | Antenna LGTD | 1591 | 47 26 56 N 008 34 33 E | A0285/00 |
| AOC 10 (11) | Tree/Trees | 1448 | 47 27 18 N 008 34 35 E | Antenna marked/LGTD | 2148 | 47 25 17 N 008 27 48 E | A0262/07 |
| AOC 10 (12) | Tree/Trees | 1452 | 47 27 18 N 008 34 35 E | Antenna marked/LGTD | 1591 | 47 26 59 N 008 34 26 E | |
| AOC 10 (13) | Tree/Trees | 1461 | 47 27 24 N 008 34 38 E | Tower/Mast LGTD | 1683 | 47 26 30 N 008 34 55 E | |
| AOC 10 (14) | Tree/Trees | 1478 | 47 27 26 N 008 34 40 E | Crane/Cranes marked/LGTD | 1516 | 47 23 35 N 008 30 29 E | |
| AOC 10 (15) | Building | 1486 | 47 27 25 N 008 34 47 E | Tower LGTD | 1550 | 47 27 14 N 008 33 28 E | |
| AOC 10 (16) | Tree/Trees | 1496 | 47 27 27 N 008 34 58 E | Antenna LGTD | 1473 | 47 28 43 N 008 31 47 E | |
| AOC 10 (17) | Tree/Trees | 1511 | 47 27 25 N 008 35 15 E | Tower/Mast | 2168 | 47 26 11 N 008 24 28 E | A0154/10 |
| AOC 10 (18) | Tree/Trees | 1515 | 47 27 27 N 008 35 20 E | Antenna marked/LGTD | 1699 | 47 25 22 N 008 32 14 E | |
| AOC 10 (19) | Tree/Trees | 1536 | 47 27 26 N 008 35 21 E | Building LGTD | 1476 | 47 27 29 N 008 34 24 E | |
| AOC 10 (20) | Tree/Trees | 1548 | 47 27 25 N 008 35 22 E | Antenna LGTD | 1532 | 47 26 43 N 008 32 57 E | |
| AOC 10 (21) | Tree/Trees | 1554 | 47 27 25 N 008 35 23 E | Tree/Trees | 1611 | 47 26 31 N 008 34 20 E | |
| AOC 10 (22) | Antenna | 1569 | 47 27 25 N 008 35 24 E | Building | 1532 | 47 27 13 N 008 34 13 E | |
| AOC 10 (23) | Tree/Trees | 1572 | 47 27 25 N 008 35 25 E | Antenna LGTD | 1545 | 47 27 14 N 008 33 52 E | |
| AOC 10 (24) | Tree/Trees | 1603 | 47 27 09 N 008 35 53 E | Antenna LGTD | 1421 | 47 27 26 N 008 32 44 E | |
| AOC 10 (25) | Tree/Trees | 1620 | 47 27 08 N 008 35 54 E | | | | |

| In approach/TKOF areas | | | | In circling area and at aerodrome | | |
|------------------------|--|--------------|---------------------------|--|--------------|-----|
| 1 | | | | 2 | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Co-ordinates | | Obstacle type Elevation Markings/LGT | Co-ordinates | RMK |
| a | b | c | | a | b | c |
| | | ft | | | ft | |
| AOC 16 (22) | Building | 1554 | 47 25 29 N 008 34 29 E | | | |
| AOC 16 (23) | Building | 1565 | 47 25 27 N 008 34 30 E | | | |
| AOC 16 (24) | Building | 1566 | 47 25 27 N 008 34 30 E | | | |
| AOC 16 (25) | Building | 1701 | 47 23 58 N 008 36 00 E | | | |
| AOC 16 (26) | Building | 1768 | 47 23 58 N 008 36 01 E | | | |
| AOC 16 (27) | Transmission line | 1921 | 47 22 14 N 008 37 49 E | | | |
| AOC 16 (28) | Transmission line | 1927 | 47 22 14 N 008 37 49 E | | | |
| | | | | | | |
| AOC 34 (1) | Pole | 1396 | 47 28 36 N 008 32 07 E | | | |
| AOC 34 (2) | Pole | 1397 | 47 28 37 N 008 32 07 E | | | |
| AOC 34 (3) | Pole | 1398 | 47 28 38 N 008 32 06 E | | | |
| AOC 34 (4) | Pole | 1398 | 47 28 39 N 008 32 05 E | | | |
| AOC 34 (5) | Pole | 1405 | 47 28 41 N 008 32 04 E | | | |
| AOC 34 (6) | Pole | 1409 | 47 28 45 N 008 32 01 E | | | |
| AOC 34 (7) | Building | 1417 | 47 28 44 N 008 31 56 E | | | |
| AOC 34 (8) | Tree/Trees | 1445 | 47 29 03 N 008 31 41 E | | | |
| AOC 34 (9) | Tree/Trees | 1458 | 47 29 05 N 008 31 41 E | | | |
| AOC 34 (10) | Tree/Trees | 1490 | 47 29 34 N 008 31 44 E | | | |
| AOC 34 (11) | Tree/Trees | 1537 | 47 29 35 N 008 31 43 E | | | |
| AOC 34 (12) | Tree/Trees | 1564 | 47 29 48 N 008 31 22 E | | | |
| AOC 34 (13) | Tree/Trees | 1565 | 47 29 51 N 008 31 33 E | | | |

Refer also to AOC 10, LSZH AD 2.24.4 - 1; AOC 28, LSZH AD 2.24.4 - 3; AOC 14, LSZH AD 2.24.4 - 5; AOC 32, LSZH AD 2.24.4 - 7; AOC 16, LSZH AD 2.24.4 - 9; AOC 34, 24.4 -11

LSZH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---|---|
| 1 | Associated MET Office | MeteoSwiss |
| 2 | Hours of service | H24 |
| 3 | Office responsible for TAF preparation Periods of validity | MeteoSwiss, Zurich 30 hours |
| 4 | Type of landing forecast | Trend; issuance: HH+20, HH+50 |
| 5 | Briefing/consultation provided | Self Briefing Service (www.skybriefing.com), (TAMSI ¹), Briefing officer |
| 6 | Flight documentation Language(s) used | Digital and hard copy En, Ge, Fr |
| 7 | Charts and other information available for briefing or consultation | All area forecast charts available worldwide |
| 8 | Supplementary equipment available for providing information | Weather Radar, Satellite Pictures |
| 9 | ATS units provided with information | Zurich TWR / APP |
| 10 | Additional information (limitation of service, etc.) | Manned briefing between 0400 and 2100 (0300 and 2000). Weather briefing: Phone: 0900 162 737 (Ge); accessible within Switzerland Weather alert: orange FLG lights are ACT on apron areas if a lightning warning is active, red FLG lights are ACT on apron areas if a handling & fueling stop is required due to immediate adverse meteorological conditions. The warning lights are operated by the Airport Authority. |

1. TAMSI = TAF METAR SIGMET

LSZH AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY (m) | Strength (PCR) and surface of RWY and SWY | THR COORD | THR ELEV and highest TDZ ELEV | Slope of RWY-SWY |
|------------------------|----------------------|--------------------------|---|--|--|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 10* | 096° GEO 093° MAG | 2500 x 60 | ASPH** PCR 875/F/B/W/T | 47 27 32.18N 008 32 14.93E GUND 47.3 m / 155.2 ft | 1391 ft 1392 ft | Refer to LSZH AOC 16/34/32, 10/28 |
| 28* | 276° GEO 273° MAG | | | 47 27 23.76N 008 34 13.63E GUND 47.2 m / 155.0 ft | 1416 ft 1417 ft | |
| 14 | 137° GEO 134° MAG | 3300 x 60 | ASPH** PCR 875/F/A/W/T | 47 28 55.53N 008 32 09.87E GUND 47.3 m / 155.3 ft | 1402 ft 1402 ft | |
| 32 | 317° GEO 314° MAG | | | 47 27 40.65N 008 33 52.06E GUND 47.3 m / 155.0 ft | 1402 ft 1402 ft | |
| 16* | 155° GEO 152° MAG | 3700 x 60 | ASPH** PCR 875/F/B/W/T | 47 28 32.57N 008 32 09.37E GUND 47.3 m / 155.2 ft | 1390 ft 1390 ft | |
| 34* | 335° GEO 332° MAG | | | 47 26 57.39N 008 33 14.91E GUND 47.3 m / 155.0 ft | 1388 ft 1389 ft | |

* MAG VAR tolerance for RWY designators exceeded.

** Central strip 23 m wide; remaining side strips CONC PCR 1260/R/B/W/T.

LSZH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|--|--|
| 1 | ABN/IBN location, characteristics and hours of operation | NIL |
| 2 | LDI location and LGT Anemometer location and LGT | No LDI. Anemometer: RWY 14: 325 m S of THR 14, LGTD. RWY 16: 385 m N of THR 16, LGTD. RWY 28: 330 m NW of THR 28, LGTD. RWY 34: 590 m NW of THR 34, LGTD. |
| 3 | TWY edge and centre line lighting | Edge no LED: RWY exits, TWY curves, G, R, S, T and apron area. LIL, B Edge LED: RWY exits, TWY curves L, L7, L9 LIH, B CL no LED: TWY A, A1, B, B1, B9, C, C1, C2, C3, D, E, E1, E2, E3, E5, E7, E8, E9, F, F1, F2, F3, H, H1, H2, H3, INNER, J, K, L9, Link 1, Link 2, Link 3, Link 4, Link 5, Link 6, Link 7, M, N, P and Z. LIH, G; coded Y/G on ILS critical/sensitive areas, LIH. CL LED: TWY T, E (partially), E6 (partially), M (partially), LIH, G RETIL no LED: H1. LIH, Y. |
| 4 | Secondary power supply/switch-over time | AVBL / MAX 1 sec. |
| 5 | Remarks | OBST: Marked and lighted (see LSZH AD 2.24.1 - 1) |

LSZH AD 2.16 HELICOPTER LANDING AREA

| | | |
|---|---|---|
| 1 | Coordinates TLOF or THR of FATO Geoid undulation | THR 01: 47 26 57.90 N 008 32 51.89 E GUND 47.3m / 155.1 ft THR 19: 47 27 06.77 N 008 32 56.13 E GUND 47.3 m / 155.1 ft |
| 2 | TLOF and/or FATO elevation | FATO: 421 m / 1382 ft |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | Reference HEL: Overall LEN 17 m, rotor diameter 14.0 m TLOF: 10 stands collocated with TLOF, inner diameter touchdown/positioning marking 8.5 m Distance between centre of stands 28 m, ASPH FATO: 25 x 290 m, grass Markings: FATO designation, heliport identification, touchdown/positioning and apron safety line. |
| 4 | True BRG of FATO | FATO THR 01: 018° FATO THR 19: 198° |
| 5 | Declared distance available | Ref: VFRM Zürich HEL, LSZH AD INFO 3 |
| 6 | APP and FATO lighting | FATO lighted, no LED |
| 7 | Remarks | The geographical coordinates of helicopter stands are not published in AIP. The diameter of the stand protection area is 28 m instead of 34 m required. Therefore simultaneous operations on Heliport West are not allowed due to overlapping of the protection areas. It is the pilot's responsibility to avoid simultaneous operation between: <ul style="list-style-type: none"> • Adjacent helicopter stand • Helicopter stands and FATO • FATO and the taxilane SIERRA HEL TKOF or LDG shall take place on FATO, RWY or designated helicopter landing area. Air taxi shall only take place on RWYs, TWYs and at Heliport West. Air taxi and/or taxi are considered as ground movements. ATC does not apply wake turbulence separation to ground movements and it is the pilot in commands responsibility to be aware of and avoid as far as practicable, turbulent wake hazards. HEL OPS at GA sectors 1-4 is prohibited, except HEMS. Unless otherwise directed by air traffic control, the last assigned SSR code shall be retained. If no SSR code has been assigned, Mode A code 2000 (for repositioning) or 7000 (for VFR flights) shall be selected. Detailed charts: VFR Manual |

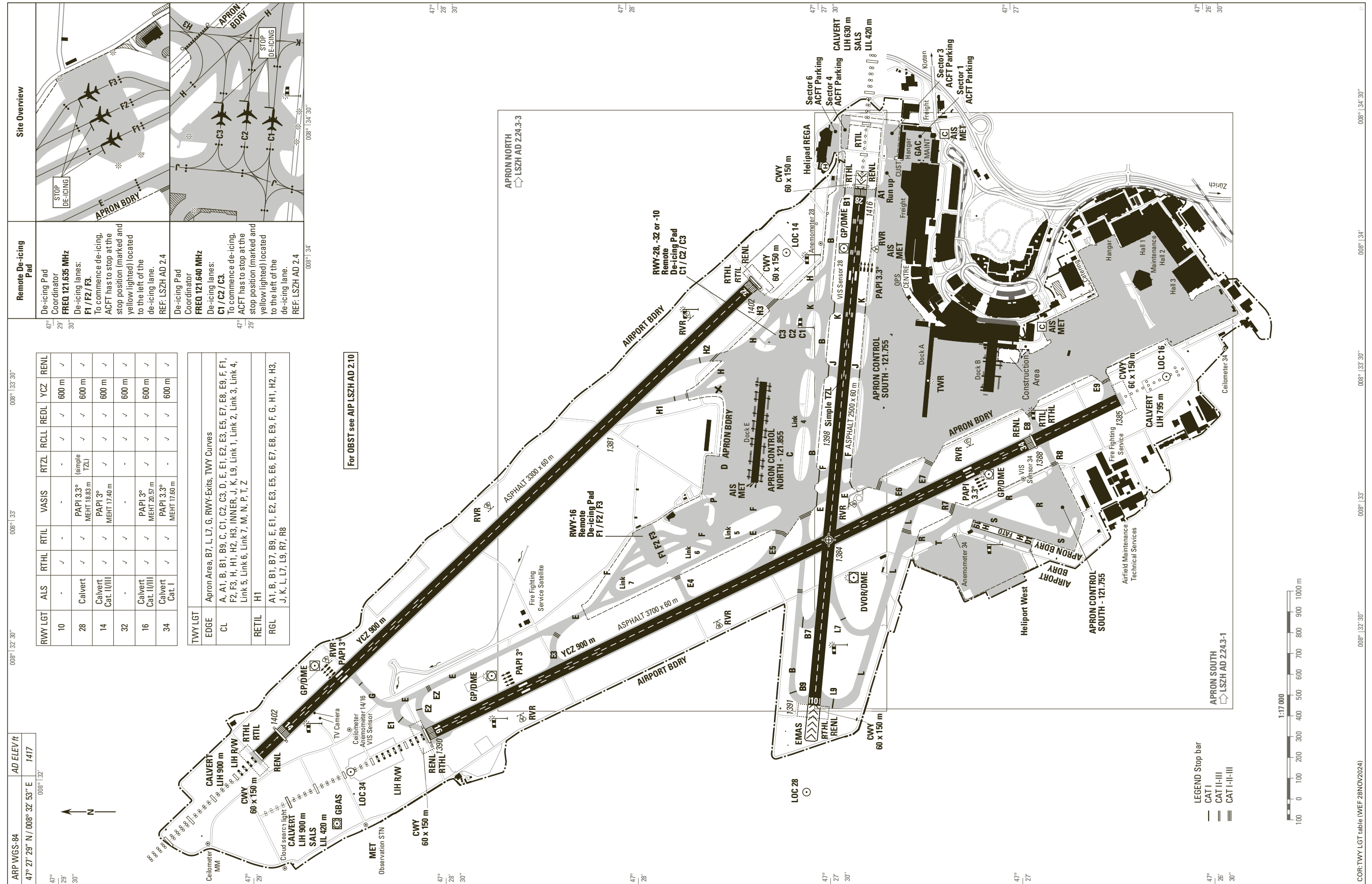
LSZH AD 2.17 ATS AIRSPACE

| | | |
|---|--------------------------------|--|
| 1 | Designation and lateral limits | <p>Zurich CTR 1 47 24 38 N 008 45 30 E - 47 22 31 N 008 39 41 E - 47 21 06 N 008 20 25 E - 47 27 41 N 008 19 48 E - arc of circle with radius 9 NM centred on 47 27 36 N 008 33 02 E - 47 24 38 N 008 45 30 E</p> <p>Zurich CTR 2 47 23 04 N 008 41 11 E - 47 14 54 N 008 47 34 E - 47 13 28 N 008 39 59 E - 47 14 12 N 008 37 08 E - 47 21 57 N 008 31 49 E - 47 22 31 N 008 39 41 E - 47 23 04 N 008 41 11 E</p> |
| 2 | Vertical limits | CTR 1: 4500 ft AMSL (1350 m) CTR 2: 5500 ft AMSL (1700 m) |
| 3 | Airspace classification | D |
| 4 | ATS unit call sign Language(s) | CTR 1: Zurich TWR, En CTR 2: Dubendorf TWR, En |
| 5 | Transition altitude | 7000 ft |
| 6 | Remarks | NIL |

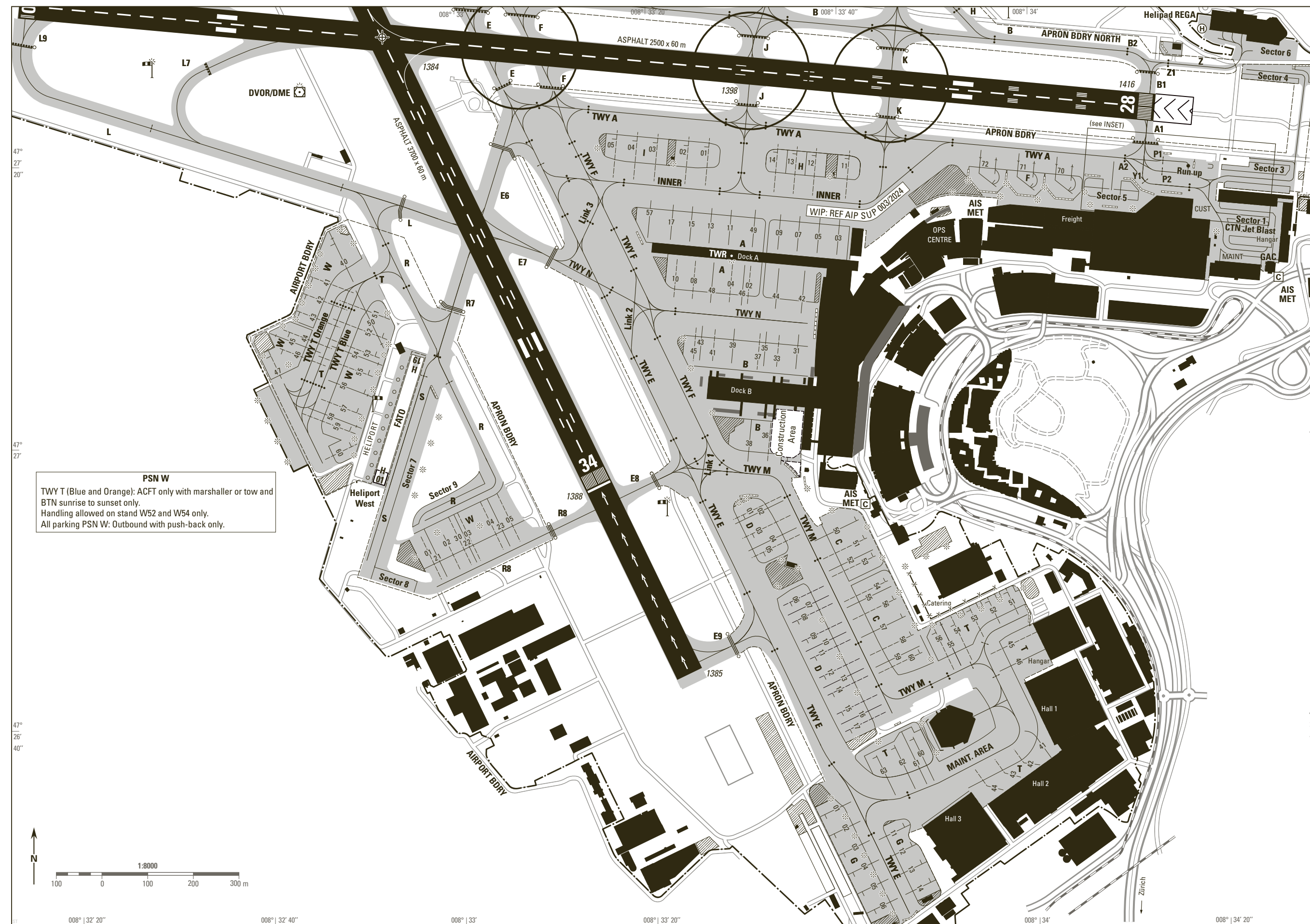
LSZH AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency | Hours of Operation | Remarks |
|----------------------------|---|---|--|---|
| 1 | 2 | 3 | 4 | 5 |
| ZURICH AREA | | 121.500 MHz | H24 | Language: En Emergency channel |
| ATIS ARR | | 125.730 MHz | H24 | Phone: Service +41 (0) 43 931 60 72 |
| ATIS DEP | | 129.005 MHz | H24 | Phone: Service +41 (0) 43 931 60 73 |
| APP/SR VDF ¹⁾ | Zurich Arrival do. Zurich Departure Zurich Final | 130.560 MHz 135.230 MHz 125.955 MHz 125.330 MHz 120.750 MHz | H24 H24 HX* HX* HX* | ARR ACFT via GIPOL ARR ACFT via AMIKI and RILAX DEP ACFT *only on ATC instruction ALTN FREQ for all APP services (Zurich Arrival, Departure and Final) |
| TWR VDF ¹⁾ | Zurich Tower do. do. | 118.100 MHz 120.230 MHz 119.700 MHz | H24 H24 H24 | Primary APCH RWY 14 and TKOF RWY 32 ALTN FREQ |
| Dubendorf TWR | Dubendorf Tower | 118.975 MHz | HX | See: ENR 2.1 TMA Zurich 5: up to FL095 - if Dubendorf TWR inactive, contact Zurich Information 124.700 MHz |
| Terminal VDF ¹⁾ | Zurich Terminal | 127.755 MHz | H24 | VFR FLT within LSZH TMA |
| CLR DEL | Zurich Delivery | 121.930 MHz | H24 | ATC clearance for IFR |
| GND VDF ¹⁾ | Zurich Ground | 121.905 MHz 118.100 MHz 119.700 MHz | H24 H24 H24 | Primary |
| De-icing | Pad Coordinator F | 121.635 MHz | AVBL if MET COND requires | REF: LSZH AD 2.20, § 5 |
| | Pad Coordinator C | 121.640 MHz | AVBL if MET COND requires | REF: LSZH AD 2.20, § 5 |
| | De-icing Coordination | 121.810 MHz | H24 | |
| APRON | Zurich Apron do. do. do. | 121.755 MHz 121.705 MHz 121.855 MHz 121.980 MHz | 0445-2230 (0345-2130) 0445-2230 (0345-2130) 0445-2230 (0345-2130) 0445-2230 (0345-2130) | South of RWY 28 ALTN FREQ North of RWY 28 ALTN FREQ |
| FIC | Zurich Information | 124.700 MHz | H24 | For VFR FLT within TMA |
| Fire Brigade | Florian 1 | 123.100 MHz | H24* | *Only when fire brigade present on site. REF: LSZH AD 2.6 §4 |

1. VDF REC antenna PSN: 47 27 01 N 008 34 37 E



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PSN W
 TWY T (Blue and Orange): ACFT only with marshaller or tow and BTN sunrise to sunset only.
 Handling allowed on stand W52 and W54 only.
 All parking PSN W: Outbound with push-back only.

APRON SOUTH

INSET

For sequencing - ACFT South of RWY 10-28 with TAKE OFF RWY 28 will initially be cleared to the intermediate HLDG PSN A2, P1, P2 or Y1

LEGEND

- Guideline for taxiing
- Intermediate HLDG PSN
- Intermediate HLDG PSN with Stop bar
- RWY GUARD LGT
- Stop bar CAT I
- Stop bar LGT CAT I H24
- Stop bar LGT CAT II-III
- Stop bar LGT CAT I-II-III H24
- Blast fences
- Light pole

ACFT PRKG:

STOP Marking:
 ACFT has to be stopped with the pilot seat ABM the stop line.
 Stop line is visible from the left-hand pilot seat only.

GENERAL REMARKS

On apron wing tip clearance is provided only if ACFT main gear centre remains over the guidelines

TWY A and TWY B: DRG ILS APCH RWY 28, TWY A and TWY B BTN TWY K and THR 28 CLSD to ACFT with wingspan equal or greater than 36 m

TWY E BTN G01 and G06: ICAO Code C ACFT only up to 36 m wingspan

TWY F from TWY-N to TWY-M: ICAO Code C ACFT only up to 36 m wingspan

TWY P: ICAO Code C ACFT only up to 36 m wingspan

TWY S: MAX 30 m wingspan, with marshaller MAX 31 m

TWY Z: Outer main gear wheel span MAX 6 m. MAX 30 m wingspan

RWY Incurion HOTSPOT

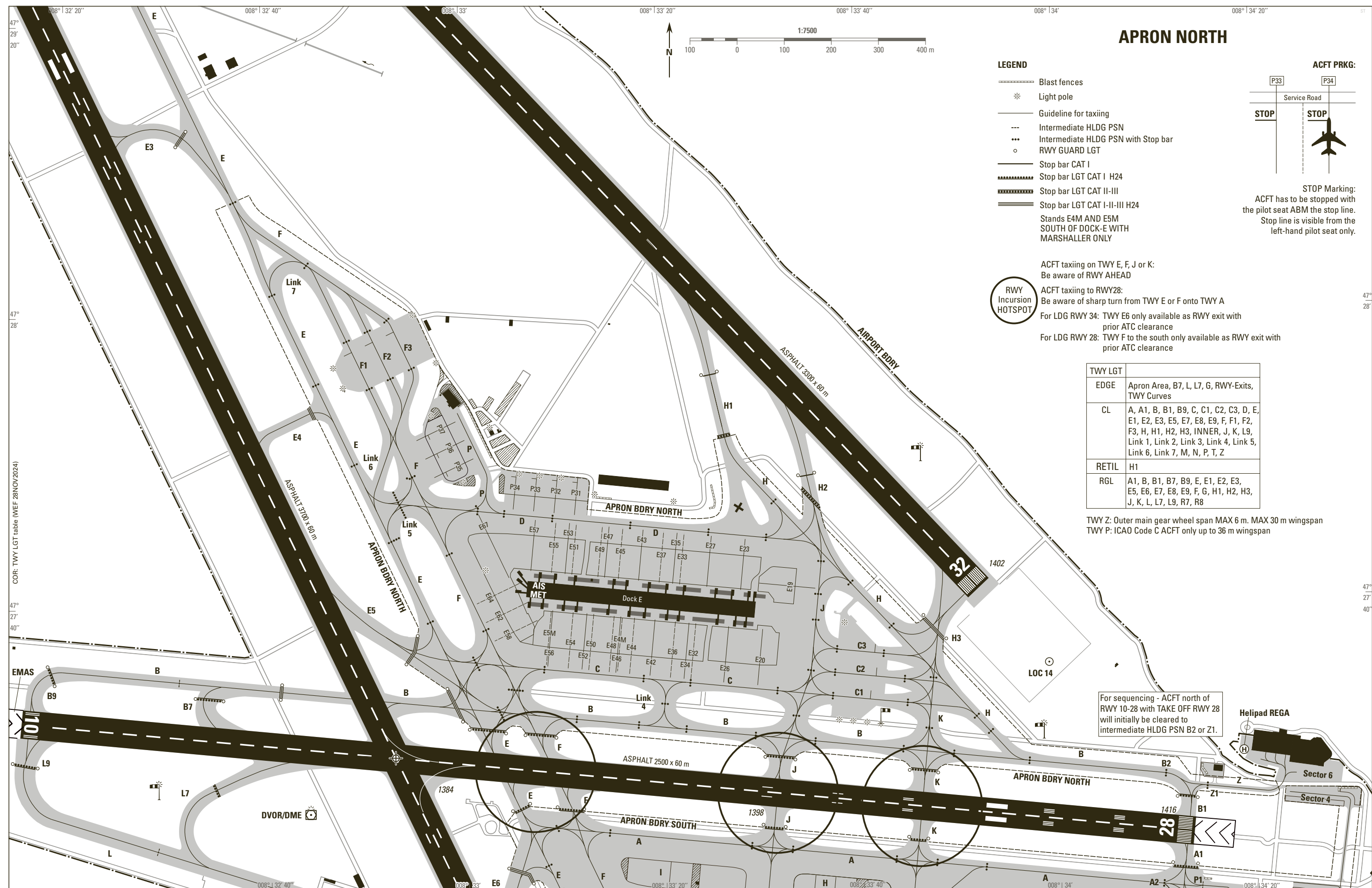
ACFT taxiing on TWY E, F, J or K:
 Be aware of RWY AHEAD
 ACFT taxiing to RWY28:
 Be aware of sharp turn from TWY E or F onto TWY A

For LDG RWY 34: TWY E6 only available as RWY exit with prior ATC clearance
 For LDG RWY 28: TWY F to the south only available as RWY exit with prior ATC clearance

| TWY LGT | |
|---------|---|
| EDGE | Apron Area, B7, L, L7, G, RWY-Exits, TWY Curves |
| CL | A, A1, B, B1, B9, C, C1, C2, C3, D, E, E1, E2, E3, E5, E7, E8, E9, F, F1, F2, F3, H, H1, H2, H3, INNER, J, K, L9, Link 1, Link 2, Link 3, Link 4, Link 5, Link 6, Link 7, M, N, P, T, Z |
| RETIL | H1 |
| RGL | A1, B, B1, B7, B9, E, E1, E2, E3, E5, E6, E7, E8, E9, F, G, H1, H2, H3, J, K, L, L7, L9, R7, R8 |

COR: TWY LGT table (WEF 28NOV2024)

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APRON NORTH

LEGEND

- Blast fences
- * Light pole
- Guideline for taxiing
- - - Intermediate HLDG PSN
- ... Intermediate HLDG PSN with Stop bar
- o RWY GUARD LGT
- Stop bar CAT I
- Stop bar LGT CAT I H24
- Stop bar LGT CAT II-III
- Stop bar LGT CAT I-II-III H24
- Stands E4M AND E5M SOUTH OF DOCK-E WITH MARSHALLER ONLY

RWY Incursion HOTSPOT

ACFT taxiing on TWY E, F, J or K:
Be aware of RWY AHEAD

ACFT taxiing to RWY28:
Be aware of sharp turn from TWY E or F onto TWY A

For LDG RWY 34: TWY E6 only available as RWY exit with prior ATC clearance

For LDG RWY 28: TWY F to the south only available as RWY exit with prior ATC clearance

| TWY LGT | |
|---------|---|
| EDGE | Apron Area, B7, L, L7, G, RWY-Exits, TWY Curves |
| CL | A, A1, B, B1, B9, C, C1, C2, C3, D, E, E1, E2, E3, E5, E7, E8, E9, F, F1, F2, F3, H, H1, H2, H3, INNER, J, K, L9, Link 1, Link 2, Link 3, Link 4, Link 5, Link 6, Link 7, M, N, P, T, Z |
| RETIL | H1 |
| RGL | A1, B, B1, B7, B9, E, E1, E2, E3, E5, E6, E7, E8, E9, F, G, H1, H2, H3, J, K, L, L7, L9, R7, R8 |

TWY Z: Outer main gear wheel span MAX 6 m. MAX 30 m wingspan
TWY P: ICAO Code C ACFT only up to 36 m wingspan

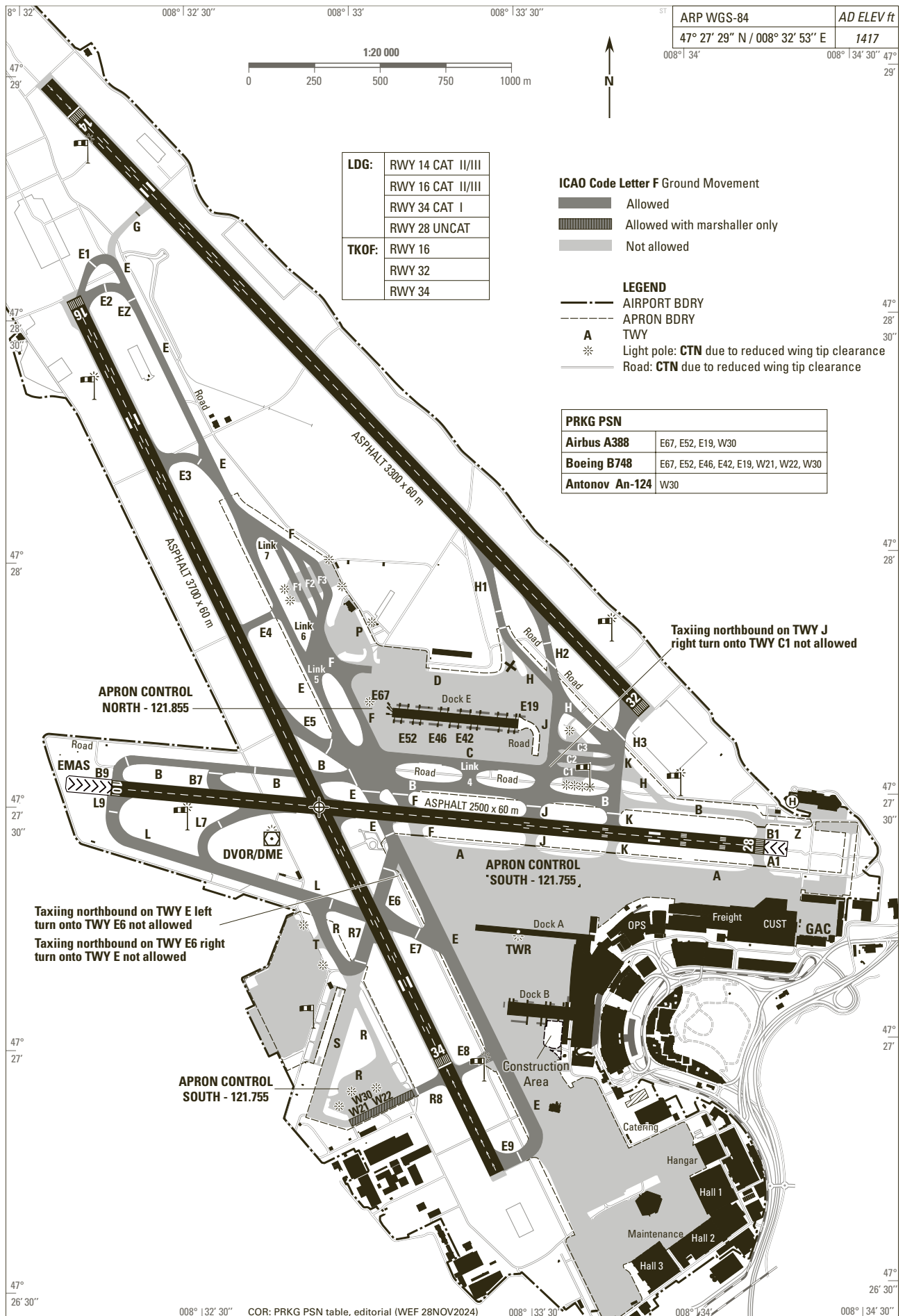
For sequencing - ACFT north of RWY 10-28 with TAKE OFF RWY 28 will initially be cleared to intermediate HLDG PSN B2 or Z1.



STOP Marking:
ACFT has to be stopped with the pilot seat ABM the stop line. Stop line is visible from the left-hand pilot seat only.

COR: TWY LGT table (WIEF 28NOV2024)

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