

## 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	MAG VAR/Annual change	2°.17' E (2019.5) / 0°09' eastwards
5	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
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	Geodetic undulation reference for ARP: 163.6 ft

## LSGC AD 2.3 OPERATIONAL HOURS

1	AD Administration	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: <a href="http://www.leseplaturesairport.ch">http://www.leseplaturesairport.ch</a>
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 30 m pipe / 180 L/MIN AVGAS 100LL: dock with 15 m pipe / 25 L/MIN
4	De-icing facilities	NIL
5	Hangar space available 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	Apron surface and strength	ASPH: - PCN 20 F/C/Y/T
2	Taxiway width, surface and strength	TWY West and East: 9 m; intersection A: 20 m; intersection B: 16.5 m; intersection C: 12.5 m; All TWY ASPH: PCN 20 F/C/Y/T
3	ACL location and elevation	Holding point 05: 3363 ft - Holding point 23: 3343 ft
4	VOR/INS checkpoints	NIL
5	Remarks	NIL

**LSGC 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	Parking sectors Green and Orange: Marshalling and towing only, coloured perimeter markings. Parking sector Blue and Purple: Self-taxiing, max span 11 m (Blue) and 13 m (Purple), coloured centre lines.
2	RWY/TWY markings and LGT	Markings: RWY (designation, THR, TDZ, CL, begin and end), TWY (CL and holding positions). LGT: SALS 23, THR, REDL, RENL, no TWY LGT.
3	Stop bars	NIL
4	Remarks	TWY between intersections A and B is located within the runway strip. No use without ATC instructions.

## LSGC AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at aerodrome			3
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 05 (1)	Building 3349	47 05 14 N 006 48 00 E	Crane/Cranes marked/LGTD 3461	47 04 58 N 006 47 12 E	B0517/00	
AOC 05 (2)	Antenna 3350	47 05 14 N 006 48 01 E	Tower/Mast 4738	47 04 42 N 006 53 14 E	B0694/00	
AOC 05 (3)	Pole 3352	47 05 15 N 006 48 00 E	Tower/Mast 4551	47 03 50 N 006 51 21 E	B0707/00	
AOC 05 (4)	Antenna 3354	47 05 16 N 006 48 02 E	Antenna marked/LGTD 3402	47 05 09 N 006 47 44 E	B0144/01	
AOC 05 (5)	Pole 3359	47 05 18 N 006 48 04 E	Cable -----	47 08 51 N 006 52 51 E- 47 08 40 N 006 52 47 E	B0546/03	
AOC 05 (6)	Building 3366	47 05 14 N 006 48 08 E	Antenna 3970	47 00 38 N 006 47 12 E	B0383/04	
AOC 05 (7)	Tree/Trees 3369	47 05 18 N 006 48 05 E	Crane/Cranes marked/LGTD 3419	47 05 02 N 006 47 45 E	B0124/22	
AOC 05 (8)	Antenna 3377	47 05 18 N 006 48 12 E				
AOC 05 (9)	Tree/Trees 3396	47 05 17 N 006 48 17 E				
AOC 05 (10)	Tree/Trees 3404	47 05 19 N 006 48 16 E				
AOC 05 (11)	Building 3412	47 05 23 N 006 48 13 E				
AOC 05 (12)	Antenna 3415	47 05 23 N 006 48 13 E				
AOC 05 (13)	Antenna 3430	47 05 24 N 006 48 14 E				
AOC 05 (14)	Antenna 3449	47 05 26 N 006 48 20 E				
AOC 05 (15)	Power line 3483	47 05 18 N 006 48 56 E				
AOC 05 (16)	Building 3524	47 05 19 N 006 49 10 E				
AOC 05 (17)	Building 3533	47 05 20 N 006 49 13 E				
AOC 05 (18)	Tree/Trees 3671	47 05 23 N 006 49 43 E				
AOC 05 (19)	Tree/Trees 3678	47 05 24 N 006 49 43 E				
AOC 05 (20)	Tree/Trees 3691	47 05 25 N 006 49 45 E				
AOC 05 (21)	Tree/Trees 3715	47 05 22 N 006 49 49 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 23 (1)	Pole	3369 47 04 50 N 006 47 14 E				
AOC 23 (2)	Tree/Trees	3416 47 04 49 N 006 47 14 E				
AOC 23 (3)	Tree/Trees	3417 47 04 41 N 006 46 57 E				
AOC 23 (4)	Tree/Trees	3431 47 04 38 N 006 46 48 E				
AOC 23 (5)	Tree/Trees	3460 47 04 36 N 006 46 40 E				
AOC 23 (6)	Tree/Trees	3495 47 04 34 N 006 46 37 E				
AOC 23 (7)	Tree/Trees	3537 47 04 30 N 006 46 26 E				
Refer also to LSGC AOC 05/23, <a href="#">LSGC AD 2.24.4-1</a>						

#### LSGC 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 ( <a href="http://www.skybriefing.com">www.skybriefing.com</a> )
6	Flight documentation Language(s) used	Digital 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	Les Eplatures TWR
10	Additional information (limitation of service, etc.)	TEL: Weather briefing: 0900 162 767 (Fr), 0900 162 737 (Ge); accessible within Switzerland

## LSGC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (m)	Strength (PCN) 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	PCN 20 F/C/Y/T 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
2	TLOF and/or FATO elevation M/FT	1026 m / 3366 ft
3	TLOF and FATO area dimensions, surface, strength, marking	FATO on RWY 05/23, ASPH, PCN 20 F/C/Y/T. No specific marking
4	True and MAG BRG of FATO	RWY 05: 054° GEO / 052° MAG RWY 23: 234° GEO / 232° MAG
5	Declared distance available	See: <a href="#">LSGC AD 2.13</a> 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	<b>Les Eplatures CTR</b> 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

**LSGC AD 2.18      ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
TWR	Les Eplatures Tower	118.125 MHz	HX	NIL

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

Type Category (Variation)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	LPS	403 kHz	H24	47 05 00.4N 006 47 35.7E		EM: N0N / A2A Service range 15 NM
DME 23	ICF	18Y	H24	47 05 08.7N 006 47 43.7E	3371 ft	Zero range at DME Station. Restricted coverage (published procedures covered): at 17 NM - 25° S to 11° N from CL above 6700 ft AMSL.

## LSGC AD 2.20 LOCAL TRAFFIC REGULATIONS

### 1. Airport regulations

No RDO ACFT, strictly PPR by phone to AD administration.

### 2. ACFT taxi and parking

Taxi on paved RWY and TWY only. Parking sectors Blue and Purple available for small aircraft, parking sectors Green and Orange for ICAO code letter A and B aircraft. Coloured lines (green, blue, purple and orange) delimit all parking areas. Panels indicate the positions and names of parking lines and sectors.

### 3. Summer times

High-density altitudes up to 6000 ft possible. Publication on METAR when temperatures are above 25°C.

### 4. Winter times

Operations only performed on non-contaminated RWY. Request information by TEL prior to flight in the period from OCT to APR. Runway condition broadcasted on METAR during ATS OPR HR.

### 5. School and training flights - technical test flights - use of runways

IFR and VFR school flights PPR.

No circuits permitted between 1100 and 1230 (1000 and 1130), after 1800 (1700), SUN and HOL.

## LSGC AD 2.21 NOISE ABATEMENT PROCEDURES

### 1. General provisions

■ No go-around over city permitted for IFR school and training FLT (APCH RWY 23).

### 2. Use of the runway system during the day period

■ TKOF RWY 23 preferred for single engine ACFT.

## LSGC AD 2.22 FLIGHT PROCEDURES

## 1. Minima for IFR departures (TKOF minima)

RWY	ACFT CAT	Vis (m) / Ceiling (ft AGL)			RMK
		No LGT AVBL	REDL or RCLL AVBL	REDL and RCLL AVBL	
05	A	1500/1000	1500/1000	---	NIL
	B	1500/1000	1500/1000	---	
23	A	1500/700	1500/700	---	
	B	1500/700	1500/700	---	

## 1.1 SID Descriptions

## 1.1.0.1 SID RWY 05 - NON RNAV (see chart LSGC AD 2.24.7 -1)

DESIGNATOR	RWY 05				
	ROUTE			Contact	Remark
	Lateral	Vertical			
<b>FRIBOURG 5N</b> (FRI 5N) PDG 5.6% to 4300ft	Climb on RWY heading. Maintain visual GND contact until D2 ICF (train station La Chaux-de-Fonds-est, don't confuse with main train station La Chaux-de-Fonds). Intercept QDR052 LPS. Proceed to BOMECE. At BOMECE turn left (MAX IAS 150kt during turn). Proceed to LPS. Climb in the LPS HLDG to FL110. Intercept R314 FRI. Proceed to FRI.	INITIAL CLIMB CLEARANCE FL110 Cross D9.1 ICF at 7000ft or above.	NIL	During MIL ACT AVBL O/R	
<b>DEKAM 2M</b> PDG 5.6% to 4300ft	Climb on RWY heading. Maintain visual GND contact until D2 ICF (train station La Chaux-de-Fonds-est, don't confuse with main train station La Chaux-de-Fonds). Intercept QDR052 LPS. Proceed via BOMECE to DEKAM.	INITIAL CLIMB CLEARANCE FL080 Cross D9.1 ICF at 7000ft or above.	NIL	NIL	
<b>SAINT-PREX 5M</b> (SPR 5M) PDG 5.6% to 4300ft	Climb on RWY heading. Maintain visual GND contact until D2 ICF (train station La Chaux-de-Fonds-est, don't confuse with main train station La Chaux-de-Fonds). Intercept QDR052 LPS. Proceed to BOMECE. At BOMECE turn left (MAX IAS 150kt during turn). Proceed to LPS. Intercept QDR217 LPS. Proceed to FLORY. At FLORY intercept R010 SPR. Proceed to SPR.	INITIAL CLIMB CLEARANCE FL080 Cross D9.1 ICF at 7000ft or above.	NIL	Only AVBL during MIL ACT and between 01 NOV and 31 MAR and during night	
<b>SAINT-PREX 5N</b> (SPR 5N) PDG 5.6% to 4300ft	Climb on RWY heading. Maintain visual GND contact until D2 ICF (train station La Chaux-de-Fonds-est, don't confuse with main train station La Chaux-de-Fonds). Intercept QDR052 LPS. Proceed to BOMECE. At BOMECE turn left (MAX IAS 150kt during turn). Proceed to LPS. Climb in LPS HLDG to FL110. Intercept QDR217 LPS. Proceed to FLORY. At FLORY intercept R010 SPR. Proceed to SPR.	INITIAL CLIMB CLEARANCE FL080 Cross D9.1 ICF at 7000ft or above.	NIL	NIL	

**HLDG BOMECE:**

INBD TR052, turns left, OUBD leg 1 min, MNM HLDG ALT 7000ft, MAX HLDG FL110. MAX IAS 150kt.

**HLDG LPS:**

INBD TR052, turns right, OUBD leg 1 min, MNM HLDG ALT 7000ft, MAX HLDG FL110. MAX IAS 150kt.

1.1.0.2 SID RWY 23 - NON RNAV (see chart LSGC AD 2.24.7 - 3)

DESIGNATOR	RWY 23				
	ROUTE			Contact	Remark
	Lateral	Vertical			
<b>FRIBOURG 4B</b> (FRI 4B) PDG 4.3% to 4800ft MNM climb gradient 7.5% to 6000ft to remain inside controlled airspace	Follow QDR225 LPS. Maintain visual GND contact up to 4000ft. At 4800ft turn left (MAX IAS 150kt during turn, MNM bank angle 25° to remain inside controlled airspace). Proceed to LPS. Climb in the LPS holding pattern to FL110. Intercept R314 FRI. Proceed to FRI.	INITIAL CLIMB CLEARANCE FL110 Cross LPS at 7000ft or above.	NIL	During MIL ACT AVBL O/R	
<b>DEKAM 2A</b> PDG 4.3% to 4800ft MNM climb gradient 7.5% to 6000ft to remain inside controlled airspace	Follow QDR225 LPS. Maintain visual GND contact up to 4000ft. At 4800ft turn left (MAX IAS 150kt during turn, MNM bank angle 25° to remain inside controlled airspace). Proceed to LPS. Intercept QDR052 LPS. Proceed via BOMEK to DEKAM.	INITIAL CLIMB CLEARANCE FL080 Cross BOMEK at 7000ft or above.	NIL	NIL	
<b>SAINT-PREX 4A</b> (SPR 4A) PDG 6.4% to 4700ft MNM climb gradient 8.5% to 6500ft to remain inside controlled airspace	Follow QDR217 LPS. Maintain visual GND contact up to 4000ft. Proceed to FLORY. At FLORY intercept R010 SPR. Proceed to SPR.	INITIAL CLIMB CLEARANCE FL080 Cross D6.4 ICF at 6500ft or above.	NIL	Only AVBL during MIL ACT and between 01 NOV and 31 MAR and during night	
<b>SAINT-PREX 4B</b> (SPR 4B) PDG 4.3% to 4800ft MNM climb gradient 7.5% to 6000ft to remain inside controlled airspace	Follow QDR225 LPS. Maintain visual GND contact up to 4000ft. At 4800ft turn left (MAX IAS 150kt during turn, MNM bank angle 25° to remain inside controlled airspace). Proceed to LPS. Climb in the LPS holding pattern to FL110. Intercept QDR217 LPS. Proceed to FLORY. At FLORY intercept R010 SPR. Proceed to SPR.	INITIAL CLIMB CLEARANCE FL110 Cross LPS at 7000ft or above.	NIL	NIL	

**HLDG BOMEK:**

INBD TR052, turns left, OUBD leg 1 min, MNM HLDG ALT 7000ft, MAX HLDG FL110. MAX IAS 150kt.

**HLDG LPS:**

INBD TR052, turns right, OUBD leg 1 min, MNM HLDG ALT 7000ft, MAX HLDG FL110. MAX IAS 150kt.

**2. STAR Descriptions****2.1 STAR TO LPS - RNAV 1 (see chart LSGC AD 2.24.9.1 - 1)**

DESIGNATOR	TO LPS - RNAV 1		
	ROUTE		
	Lateral	Vertical	Remark
ARPUS 2E	From ARPUS proceed via HR, ARNOT, DEKAM (MAX IAS 150kt), BOMECE to LPS	HR MIN FL090, ARNOT MAX FL090, LPS MNM 7000ft.	HLDG ARPUS: Ref: AIP France

RNAV 1 STAR ARPUS 2E							
Path terminator	Waypoint	Flyover	Turn direction	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	ARPUS	Y	-	-	-	-	-
TF	HR	N	L	+FL090	-	156° (157.9°T)	7.2
TF	ARNOT	N	-	-FL090	-	139° (141.3°T)	12.2
TF	DEKAM	N	R	+7000	-150	139° (141.0°T)	12.5
TF	BOMECE	N	-	+7000	-	232° (234.4°T)	6.1
TF	LPS	Y	-	+7000	-	232° (234.3°T)	10.0

**2.2 STAR TO LPS - NON RNAV (see chart LSGC AD 2.24.9.2 - 1)**

DESIGNATOR	TO LPS		
	ROUTE		
	Lateral	Vertical	Remark
FRIBOURG 1R (FRI 1R)	Proceed on R314 FRI to LPS.	Maintain MNM FL110 to LPS.	During MIL ACT AVBL O/R
SAINT-PREX 2R (SPR 2R)	Proceed on R010 SPR to FLORY. At FLORY intercept QDM037 LPS. Proceed to LPS.	Maintain MNM FL110 to LPS	
DEKAM 2R	From DEKAM intercept QDM232 LPS. Proceed via BOMECE to LPS.	Cross LPS at 7000ft or above.	

**HLDG LPS:**

INBD TR052, turns right, OUBD leg 1 min, MNM HLDG ALT 7000ft, MAX HLDG FL110. MAX IAS 150kt.

**2.3 Approach procedures:**

APAPI has to be strictly followed in visual segment of all IFR-approaches due to obstacles on short final.

**2.3.1 Procedure description of RNP RWY 05 (see chart LSGC AD 2.24.10 - 1)**

From LPS						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	LPS	N	-FL110 +7000	-150	-	-
TF	FLORY	N	+7000	-150	217° (219.3°T)	13.6
TF	GC750	N	+7000	-150	336° (338.3°T)	2.8
TF	GC751	N	+7000	-	048° (050.1°T)	3.3
TF	GC752	Y	-	-	048° (050.2°T)	8.6
TF	GC753	Y	+7000	-	048° (050.3°T)	10.3
DF	LPS	Y	-FL110 +7000	-130	-	-
HM	LPS	Y	-FL110 +7000	-150	052° (054.1°)	-

From FLORY						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	FLORY	N	+7000	-150	-	-
TF	GC750	N	+7000	-150	336° (338.3°T)	2.8
TF	GC751	N	+7000	-	048° (050.1°T)	3.3
TF	GC752	Y	-	-	048° (050.2°T)	8.6
TF	GC753	Y	+7000	-	048° (050.3°T)	10.3
DF	LPS	Y	-FL110 +7000	-130	-	-
HM	LPS	Y	-FL110 +7000	-150	052°(054.1°)	-

## 2.3.2 Procedure description of RNP RWY 23 (see chart LSGC AD 2.24.10 - 3)

From BALIR						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	BALIR	N	+7000	-	-	-
TF	GC701	N	+7000	-	241° (243.2°T)	4.4
TF	DEKAM	N	+7000	-	232° (234.7°T)	3.7
TF	BOMEK	N	+7000	-	232° (234.5°T)	6.1
TF	RW23	Y	-	-	232° (234.4°T)	9.7
DF	GC704	Y	-	-	232° (234.3°T)	4.0
DF	LPS	Y	-FL110 +7000	-150	-	-
HM	LPS	Y	-FL110 +7000	-150	052°(054.1°)	-

From LPS						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	LPS	N	-FL110 +7000	-150	-	-
TF	BOMEK	N	+7000	-	052° (054.1°T)	10.0
TF	GC706	N	+7000	-	024° (026.2°T)	6.8
TF	DEKAM	N	+7000	-	139° (141.3°T)	3.2
TF	BOMEK	N	+7000	-	232° (234.5°T)	6.1
TF	RW23	Y	-	-	232° (234.4°T)	9.7
TF	GC704	Y	-	-	232° (234.3°T)	4.0
DF	LPS	Y	-FL110 +7000	-150	-	-
HM	LPS	Y	-FL110 +7000	-150	052°(054.1°)	-

**LSGC AD 2.23 ADDITIONAL INFORMATION**

**1. List of significant points (Terminal)**

NAV point	COORD WGS84		Back-up Definition			Purpose
	LAT	LONG	Radial	DME	NAV	
1	2		3			4
ARPUS	N 47 40 21.3	E 006 39 56.8	---	---	---	STAR LSGC
BOMEK	N 47 10 50.4	E 006 59 26.9	052	---	LPS ICF 9.8	STAR/SID LSGC
FRI VOR	N 46 46 39	E 007 13 25	---	---	---	STAR/SID LSGC
GC701	N 47 16 31.0	E 007 11 08.4	---	---	---	IAC LSGC
GC704	N 47 02 51.0	E 006 43 07.8	---	---	---	IAC LSGC
GC706	N 47 16 54.1	E 007 03 49.5	---	---	---	IAC LSGC
GC750	N 46 57 07.2	E 006 33 35.2	---	---	---	IAC LSGC
GC751	N 46 59 13.5	E 006 37 16.3	---	---	---	IAC LSGC
GC752	N 47 04 41.6	E 006 46 53.0	---	---	---	IAC LSGC
GC753	N 47 11 16.7	E 006 58 31.9	---	---	---	IAC LSGC
ICF DME	N 47 05 09	E 006 47 44	---	---	---	STAR/SID LSGC
LPS NDB	N 47 05 00.4	E 006 47 35.7	---	---	---	STAR/SID LSGC
SPR VOR	N 46 28 07	E 006 26 53	---	---	---	STAR/SID LSGC

**LSGC AD 2.24 CHARTS RELATED TO AN AERODROME**

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Aircraft Parking Chart	LSGC AD 2.24.2 - 1
Aerodrome Obstacle Chart - Type A - RWY 05/23	LSGC AD 2.24.4 - 1
SID RWY 05 - NON RNAV	LSGC AD 2.24.7 - 1
SID RWY 23 - NON RNAV	LSGC AD 2.24.7 - 3
STAR TO LPS - RNAV 1	LSGC AD 2.24.9.1 - 1
STAR TO LPS - NON RNAV	LSGC AD 2.24.9.2 - 1
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