

**LRSB AD 2.1 AERODROME LOCATION INDICATOR AND NAME**  
**LRSB - SIBIU / Sibiu**

**LRSB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	454709N 0240508E Runway centre.
2	Direction and distance from city	270°, 3 km from Sibiu.
3	Elevation/Reference temperature	1520 FT / 27.7°C
4	Geoid undulation	138 FT
5	MAG VAR/ Annual rate of change	5°E (2010)
6	AD Administration, address, telephone, telefax, e-mail, AFS, website	Aeroportul International Sibiu Șos. Alba Iulia, nr. 73, Sibiu, cod 550052 Tel: +40-(0)269-253135 Fax: +40-(0)269-253131; +40-(0)269-253047 AFS: LRSBRAYD
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	NIL

**LRSB AD 2.3 OPERATIONAL HOURS**

1	AD Administration	H24
2	Customs and immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	H24
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fueling	H24
9	Handling	H24
10	Security	H24
11	De-icing	H24
12	Remarks	NIL

**LRSB AD 2.4 HANDLING SERVICES AND FACILITIES**

1	Cargo-handling facilities	5 tractor for equipments, 20 trailers, 1 dollies pallet, 3 self-propeller conveyor-belt loader, 4 self-propeller stairs, 2 tractable stairs, 1 highloader, 1 forklift.
2	Fuel/Oil types	Kerosene JET A1 / NIL AVGAS 100LL / NIL
3	Fueling facilities/capacity	Kerosene JET A1: 1 refueling truck of 20t / storage depot of 100 m <sup>3</sup> AVGAS 100LL: 1 unit 8m <sup>3</sup>
4	De-icing facilities	Two units with liquid killfrost type ABC II plus minimal rate 120L/min
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	3 GPU units 115V and 28V, 1 GPU unit with 28V 1 self-propeller lavatory service vehicle, 1 tractable lavatory service unit 1 self-propeller portable water vehicle, 1 tractable potable water unit 1 cabin/engine heater equipment 1 air start unit

**LRSB AD 2.5 PASSENGER FACILITIES**

1	<i>Hotels</i>	Hotels in the city.
2	<i>Restaurants</i>	Restaurant, snack bar on the AD, HO
3	<i>Transportation</i>	Buses, taxis and airport shuttle bus.
4	<i>Medical facilities</i>	1 ambulance and first aid on the AD. Hospitals in the city
5	<i>Bank and Post Office</i>	In the city.
6	<i>Tourist Office</i>	At the AD.
7	<i>Remarks</i>	NIL

**LRSB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	<i>AD category for fire fighting</i>	Within AD HR: CAT 7.
2	<i>Rescue equipment</i>	1 rescue equipment type HOLMATRO
3	<i>Capability for removal of disabled aircraft</i>	NIL
4	<i>Remarks</i>	NIL

**LRSB AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN**

1	<i>Types of clearing equipment</i>	2 trucks with brush, blade and snowblower, 1 autospreader de-icing, 1 truck with brush and snowblower, 3 small trucks with blade, cup and spreader de-icing.
2	<i>Clearance priorities</i>	1. RWY 09/27 2. TWY 3. Apron
3	<i>Use of material for movement area surface treatment</i>	Generic fluids and solid materials used for runway de/anti-icing are KAC (sodium formate) and NAAC (ammonium nitrate).
4	<i>Specially prepared winter runways</i>	NIL
5	<i>Remarks</i>	Information about Runway surface condition in Global Reporting Format published by SNOWTAM. See also the snow plan in section AD 1.2.

**LRSB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	<i>Apron designation, surface and strength</i>	APRON 1      APRON 2 Surface:      Concrete      Concrete Strength:      110/R/D/W/T      56/R/D/W/T
2	<i>Taxiway designation, width, surface and strength</i>	Width:      TWY E: 25 M ; TWY W, N: 18 M Surface:      Concrete Strength:      TWY E: 110/R/D/W/T, TWY W, N: 56/R/D/W/T
3	<i>ACL location and elevation</i>	Location:      APRON1 Elevation:      1451 FT
4	<i>VOR checkpoints</i>	NIL
5	<i>INS checkpoints</i>	See Aircraft parking chart AD 2.13-22
6	<i>Remarks</i>	RWY turning bay: Location THR 09 and THR 27 Surface: Concrete Dimensions: 15M x 100M Strength : 110/R/D/W/T

**LRSB AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1	<i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i>	Taxiing guidance signs at intersection with TWY and RWY, at holding positions; guide lines on the apron.
2	<i>RWY and TWY markings and LGT</i>	RWY - markings: color white; designation, THR, TDZ, centre line, aiming point, edges, RWY end marked as appropriate. - lights: runway edges lights, THR lights, runway end lights, wing bar lights, runway centerline lights, TDZ lights on RWY 27, STOPWAY lights on RWY 09. TWY E, W - markings: color yellow; centre line, runway holding position, edges, enhanced centerline, runway designator marking. - lights: centerline lights, taxiway edges lights, stop bar lights, runway guard lights. TWY N - markings: color yellow; centre line, edges. - lights: centerline lights, taxiway edges lights.
3	<i>Stop bars</i>	Red stop bars at all intersections of TWYs with RWY.
4	<i>Remarks</i>	Illuminated wind direction indicators are located adjacent to TDZ of RWY 27 and RWY 09.



## LRSB AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
1_LRSB	POLE	454704.5N 0240558.0E	1446/21 FT	RED-WHITE/LGTD R	NIL
6_LRSB	ANTENNA	454704.5N 0240554.8E	1447/48 FT	RED-WHITE/LGTD R	
7_LRSB	ANTENNA	454704.3N 0240554.6E	1447/18 FT	RED-WHITE/LGTD R	
12_LRSB	POLE	454703.9N 0240551.5E	1447/35 FT	RED-WHITE/LGTD R	
13_LRSB	POLE	454703.9N 0240550.8E	1447/34 FT	RED-WHITE/LGTD R	
17_LRSB	NAVAID	454709.5N 0240358.3E	1522/13 FT	LGTD R	
36_LRSB	NAVAID	454711.1N 0240358.4E	1522/13 FT	LGTD R	
37_LRSB	NAVAID	454712.9N 0240358.2E	1520/15 FT	RED-WHITE/LGTD R	
18_LRSB	POLE	454712.6N 0240423.5E	1509/32 FT	RED-WHITE/LGTD R	
35_LRSB	POLE	454711.2N 0240555.2E	1449/24 FT	RED-WHITE/LGTD R	
79_LRSB	BUILDING	454659.0N 0240849.6E	1425/180 FT	LGTD R	
97_LRSB	BUILDING	454701.9N 0240846.0E	1425/189 FT	LGTD R	
100_LRSB	SPIRE	454705.9N 0240141.7E	1449/216 FT	NIL	
171_LRSB	BUILDING	454614.1N 0240729.8E	1498/51 FT	NIL	
230_LRSB	PANEL	454731.7N 0240629.6E	1435/51 FT	LGTD R	
168_LRSB	BUILDING	454621.4N 0240716.8E	1497/57 FT	NIL	
169_LRSB	BUILDING	454620.5N 0240721.5E	1496/57 FT	NIL	
178_LRSB	BUILDING	454631.4N 0240733.0E	1470/60 FT	NIL	
220_LRSB	BUILDING	454737.0N 0240641.0E	1435/62 FT	LGTD R	
170_LRSB	BUILDING	454625.8N 0240720.8E	1485/62 FT	NIL	
180_LRSB	BUILDING	454616.5N 0240738.1E	1491/63 FT	NIL	
172_LRSB	TREE	454604.6N 0240712.5E	1500/65 FT	NIL	
185_LRSB	BUILDING	454636.3N 0240739.9E	1470/65 FT	NIL	
173_LRSB	BUILDING	454620.3N 0240734.2E	1491/66 FT	NIL	
231_LRSB	SIGN	454733.1N 0240628.4E	1435/67 FT	LGTD R	
158_LRSB	POLE	454529.7N 0240619.4E	1531/69 FT	NIL	
157_LRSB	POLE	454515.2N 0240617.3E	1626/69 FT	NIL	
369_LRSB	POLE	454412.6N 0240607.0E	1626/72 FT	NIL	
174_LRSB	BUILDING	454613.6N 0240733.2E	1496/76 FT	NIL	
163_LRSB	POLE	454544.9N 0240622.4E	1484/76 FT	NIL	
206_LRSB	BUILDING	454740.6N 0240629.3E	1434/79 FT	NIL	
222_LRSB	BUILDING	454736.3N 0240651.7E	1426/81 FT	NIL	
368_LRSB	POLE	454423.0N 0240608.5E	1633/89 FT	NIL	
166_LRSB	FOREST	454554.6N 0240716.4E	1514/91 FT	NIL	
223_LRSB	POLE	454736.3N 0240650.0E	1425/94 FT	RED-WHITE/LGTD R	
155_LRSB	BUILDING	454604.6N 0240731.7E	1502/96 FT	NIL	
388_LRSB	POLE	454721.2N 0240631.9E	1376/97 FT	NIL	
183_LRSB	ANTENNA	454603.8N 0240735.6E	1498/98 FT	LGTD R	
184_LRSB	BUILDING	454604.5N 0240733.9E	1501/103 FT	LGTD R	
175_LRSB	BUILDING	454607.0N 0240731.5E	1500/105 FT	LGTD R	
194_LRSB	POLE	454725.9N 0240620.8E	1438/113 FT	RED-WHITE/LGTD R	
149_LRSB	ANTENNA	454603.3N 0240721.0E	1502/115 FT	LGTD R	
165_LRSB	FOREST	454533.0N 0240645.1E	1568/118 FT	NIL	
224_LRSB	SPIRE	454723.6N 0240703.4E	1386/120 FT	NIL	
151_LRSB	SPIRE	454636.5N 0240754.8E	1469/122 FT	NIL	
235_LRSB	GRAIN ELEVATOR	454741.1N 0240617.8E	1439/151 FT	LGTD R	
150_LRSB	ANTENNA	454639.6N 0240848.6E	1434/152 FT	NIL	
258_LRSB	SPIRE	454751.9N 0240859.5E	1393/254 FT	NIL	
384_LRSB	TREE	454714.2N 0240617.3E	1441/50 FT	NIL	
385_LRSB	TREE	454717.4N 0240608.3E	1439/51 FT	NIL	
412_LRSB	SIGN	454721.4N 0240507.7E	1469/53 FT	LGTD	
383_LRSB	TREE	454715.7N 0240616.4E	1438/58 FT	NIL	
382_LRSB	TREE	454715.2N 0240621.1E	1438/63 FT	NIL	
241_LRSB	BUILDING	454728.3N 0240550.8E	1451/65 FT	NIL	
248_LRSB	TREE	454734.5N 0240510.2E	1461/65 FT	NIL	
246_LRSB	POLE	454730.1N 0240518.6E	1461/65 FT	LGTD R	
277_LRSB	SIGN	454726.4N 0240552.6E	1447/69 FT	LGTD R	
249_LRSB	BUILDING	454742.6N 0240501.2E	1456/75 FT	LGTD R	
247_LRSB	BUILDING	454728.4N 0240516.2E	1462/80 FT	LGTD R	
371_LRSB	FOREST	454428.8N 0240507.1E	1822/87 FT	NIL	
367_LRSB	FOREST	454451.1N 0240546.0E	1698/93 FT	NIL	
236_LRSB	BUILDING	454737.4N 0240608.8E	1443/108 FT	LGTD R	
237_LRSB	BUILDING	454736.5N 0240605.3E	1442/110 FT	LGTD R	
238_LRSB	GRAIN ELEVATOR	454734.1N 0240607.6E	1442/124 FT	LGTD R	
399_LRSB	POLE	454719.7N 0240547.5E	1453/92 FT	RED-WHITE/LGTD R	
400_LRSB	POLE	454719.7N 0240540.2E	1454/92 FT	RED-WHITE/LGTD R	
401_LRSB	POLE	454719.7N 0240542.8E	1454/91 FT	RED-WHITE/LGTD R	
402_LRSB	POLE	454719.6N 0240545.6E	1454/91 FT	RED-WHITE/LGTD R	



a	b	c	d	e	f
403_LRSB	POLE	454719.7N 0240549.5E	1454/91 FT	RED-WHITE/LGTD R	NIL
404_LRSB	POLE	454719.7N 0240551.6E	1454/91 FT	RED-WHITE/LGTD R	
405_LRSB	POLE	454719.6N 0240553.6E	1454/88 FT	RED-WHITE/LGTD R	
406_LRSB	POLE	454720.0N 0240538.0E	1458/88 FT	RED-WHITE/LGTD R	
407_LRSB	POLE	454720.1N 0240535.6E	1455/92 FT	RED-WHITE/LGTD R	
408_LRSB	CONROL_TOWER	454721.5N 0240534.4E	1458/120 FT	LGTD R	
409_LRSB	POLE	454720.1N 0240533.2E	1458/91 FT	RED-WHITE/LGTD R	
410_LRSB	POLE	454720.2N 0240531.0E	1460/91 FT	RED-WHITE/LGTD R	
202_LRSB	POLE	454737.0N 0240115.8E	1571/93 FT	LGTD R	
195_LRSB	POLE	454742.1N 0240125.2E	1555/92 FT	LGTD W	
196_LRSB	POLE	454745.0N 0240130.4E	1541/82 FT	LGTD W	
199_LRSB	POLE	454756.5N 0240151.5E	1522/82 FT	LGTD W	
198_LRSB	POLE	454751.6N 0240142.7E	1525/82 FT	LGTD W	
197_LRSB	POLE	454746.8N 0240134.0E	1530/82 FT	LGTD W	
361_LRSB	ANTENNA	454828.3N 0241214.0E	1940/156 FT	RED-WHITE/LGTD R	
363_LRSB	ANTENNA	454830.9N 0241212.0E	1928/161 FT	RED-WHITE/LGTD R	
362_LRSB	ANTENNA	454830.0N 0241212.6E	1938/149 FT	RED-WHITE/LGTD R	
360_LRSB	ANTENNA	454829.0N 0241214.1E	1944/111 FT	RED-WHITE/LGTD R	
359_LRSB	ANTENNA	455038.9N 0240615.8E	1648/326 FT	RED-WHITE/LGTD R	
356_LRSB	ANTENNA	454829.7N 0241214.8E	1886/163 FT	RED-WHITE/LGTD R	
376_LRSB	ANTENNA	454337.4N 0240414.3E	1984/184 FT	RED-WHITE/LGTD R	
375_LRSB	ANTENNA	454628.6N 0235747.6E	1947/87 FT	RED-WHITE/LGTD R	

In Area 3					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
2_LRSB	ELECTRICAL_EXIT_ LIGHT	454707.2N 0240555.5E	1448/3 FT	NIL	NIL
3_LRSB	ELECTRICAL_EXIT_ LIGHT	454706.9N 0240555.5E	1448/3 FT	NIL	
4_LRSB	ELECTRICAL_EXIT_ LIGHT	454706.6N 0240555.5E	1447/3 FT	NIL	
5_LRSB	ELECTRICAL_EXIT_ LIGHT	454706.3N 0240555.5E	1447/3 FT	NIL	
19_LRSB	ELECTRICAL_EXIT_ LIGHT	454711.2N 0240421.1E	1511/4 FT	NIL	
20_LRSB	ELECTRICAL_EXIT_ LIGHT	454711.5N 0240421.2E	1511/4 FT	NIL	
21_LRSB	ELECTRICAL_EXIT_ LIGHT	454711.8N 0240421.2E	1511/4 FT	NIL	
22_LRSB	ELECTRICAL_EXIT_ LIGHT	454712.1N 0240421.2E	1511/4 FT	NIL	
23_LRSB	SIGN	454710.6N 0240457.6E	1483/5 FT	NIL	
24_LRSB	SIGN	454713.2N 0240501.4E	1475/5 FT	NIL	
25_LRSB	SIGN	454714.2N 0240501.5E	1474/5 FT	NIL	
26_LRSB	SIGN	454714.1N 0240504.0E	1472/5 FT	NIL	
27_LRSB	SIGN	454713.2N 0240503.9E	1474/5 FT	NIL	
28_LRSB	SIGN	454710.4N 0240507.6E	1475/4 FT	NIL	
29_LRSB	SIGN	454709.6N 0240557.8E	1447/4 FT	NIL	
30_LRSB	SIGN	454709.7N 0240547.6E	1451/4 FT	NIL	
31_LRSB	SIGN	454712.3N 0240554.1E	1450/4 FT	NIL	
32_LRSB	SIGN	454713.3N 0240554.2E	1449/4 FT	NIL	
33_LRSB	SIGN	454712.4N 0240551.5E	1448/6 FT	NIL	
34_LRSB	SIGN	454713.3N 0240551.5E	1450/4 FT	NIL	
465_LRSB	SIGN	454712.4N 0240554.2E	1450/5 FT	NIL	
466_LRSB	SIGN	454712.4N 0240551.4E	1448/5 FT	NIL	
18_LRSB	POLE	454712.6N 0240423.5E	1509/32 FT	RED-WHITE/LGTD R	
35_LRSB	POLE	454711.2N 0240555.2E	1449/24 FT	RED-WHITE/LGTD R	
390_LRSB	ANTENNA	454719.5N 0240555.2E	1521/5 FT	NIL/LGDT R	
399_LRSB	POLE	454719.7N 0240547.5E	1453/92 V	RED-WHITE/LGDT R	
400_LRSB	POLE	454719.7N 0240540.2E	1454/92 FT	RED-WHITE/LGDT R	
401_LRSB	POLE	454719.7N 0240542.8E	1454/91 FT	RED-WHITE/LGDT R	
402_LRSB	POLE	454719.6N 0240545.6E	1454/91 FT	RED-WHITE/LGDT R	
403_LRSB	POLE	454719.7N 0240549.5E	1454/91 FT	RED-WHITE/LGDT R	
404_LRSB	POLE	454719.7N 0240551.6E	1454/91 FT	RED-WHITE/LGDT R	
405_LRSB	POLE	454719.7N 0240553.6E	1454/88 FT	RED-WHITE/LGDT R	
406_LRSB	POLE	454720.0N 0240538.0E	1458/88 FT	RED-WHITE/LGDT R	
407_LRSB	POLE	454720.1N 0240535.6E	1455/92 FT	RED-WHITE/LGDT R	
408_LRSB	CONTROL_TOWER	454721.5N 0240534.4E	1458/120 FT	NIL/LGDT R	
409_LRSB	POLE	454720.1N 0240533.2E	1458/91 FT	RED-WHITE/LGDT R	
410_LRSB	POLE	454720.2N 0240531.0E	1460/91 FT	RED-WHITE/LGDT R	
413_LRSB	BUILDING	454720.8N 0240539.6E	1490/14 FT	NIL/LGDT R	

**LRSB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1	Associated MET Office	SIBIU
2	Hours of service MET Office outside hours	H24 -
3	Office responsible for TAF preparation Periods of validity Interval of issuance	LROM 24 HR 6 HR, during aerodrome operational hours
4	Type of landing forecast Interval of issuance	NIL -
5	Briefing / consultation provided	Self-briefing; briefing/consultation on request (see row 8)
6	Flight documentation Language(s) used	Charts, tabular form, abbreviated plain language text Romanian, English
7	Charts and other information available for briefing or consultation	SWC, W/T Charts, SIGMET, METAR, TAF
8	Supplementary equipment available for providing information	Tel/Fax: +40-(0)269-228088
9	ATS units provided with information	SIBIU TWR
10	Additional information (limitation of service, etc.)	NIL

**LRSB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord	THR elevation and highest elevation of TDZ of precision	Slope of RWY-SWY
				RWY end coord THR geoid undulation	APP RWY	
1	2	3	4	5	6	7
27	271.35°	2630 x 45	110/R/D/W/T Concrete	454708.20N 0240608.97E 454710.19N 0240407.22E GUND 138 FT	THR 1444 FT TDZ 1458 FT	0.50% (914 M) 1.25% (1106 M) 0.80% (610 M)
09	091.32°	2630 x 45	110/R/D/W/T Concrete	454710.19N 0240407.22E 454708.20N 0240608.97E GUND 138 FT	THR 1520 FT TDZ 1516 FT	-0.80% (610 M) -1.25% (1106 M) -0.50% (914 M) -0.12% (150 M)
SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system		Remarks
8	9	10	11	12	13	14
NIL	NIL	2900 x 300	90 x 90	NIL		No runway concrete shoulders.
148 x 45	210 x 180	2900 x 300	145 x 90	NIL		No runway concrete shoulders.

**LRSB AD 2.13 DECLARED DISTANCES**

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
27	2630	2630	2630	2630	NIL
09	2630	2840	2778	2630	NIL

**REDUCED DECLARED DISTANCES**

RWY designator	TORA (M)	TODA (M)	ASDA (M)	Remarks
1	2	3	4	5
27 TWY E	2290	2290	2290	NIL

**LRSB AD 2.14 APPROACH AND RWY LIGHTING**

RWY Designator	APCH LGT type	THR LGT colour	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	SWY LGT LEN(M)	Remarks
	LEN	WBAR					WBAR	colour	
1	2	3	4	5	6	7	8	9	10
27	ALS CAT II 420M LIH	Green -	PAPI Left/3° (50FT)	White 900M	1730M, 15M White, LIH 600M, 15M White-Red, LIH 300M, 15M Red, LIH	2030M, 60M, White, LIH 600M, 60M, Yellow, LIH	Red -	NIL	NIL
09	SALS 420M LIH	Green -	PAPI Left/3.5° (50FT)	NIL	1730M, 15M White, LIH 600M, 15M White-Red, LIH 300M, 15M Red, LIH	2030M, 60M, White, LIH 600M, 60M, Yellow, LIH	Red -	148 Red	NIL

**LRSB 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 150 M from THR 27, lighted.
3	TWY edge and centre line lighting	TWY edge blue omnidirectional LIL. TWY centre line: TWY E, W green. Exit taxiway centre line lights: yellow/green.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting on the AD; Switch-over time 1 sec.
5	Remarks	NIL

**LRSB AD 2.16 HELICOPTER LANDING AREA**

1	Co-ordinates TLOF or THR of FATO Geoid undulation	NIL NIL
2	TLOF and/or FATO elevation M/FT	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True and MAG BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	NIL

**LRSB AD 2.17 ATS AIRSPACE**

1	Designation and lateral limits	SIBIU CTR 455322N 0235122E - 455255N 0241922E - 454155N 0241900E - 454222N 0235059E - 455322N 0235122E
2	Vertical limits	GND to 3000 FT AMSL
3	Airspace classification	C
4	ATS unit call sign Language(s)	Sibiu Tower English, Romanian
5	Transition altitude	7000 FT QNH
6	Hours of applicability	H24
7	Remarks	NIL

## LRSB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/ Frequency	SATVOICE	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	NAPOC	126.430	Nil	Nil	H24	Radar Service
	Approach	127.275 MHz ALTN				
APP	NAPOC North	126.430	Nil	Nil	H24	Radar Service
	Approach	127.275 MHz ALTN				
APP	NAPOC South	119.680	Nil	Nil	H24	Radar Service
	Approach	127.275 MHz ALTN				
TWR	Sibiu Tower	121.305	Nil	Nil	H24	Exempted 8.33 kHz State aircraft.
		122.700 MHz ALTN				
		121.500 MHz EMERG				
ATIS	Sibiu ATIS	126.950 MHz	Nil	Nil	H24	Nil

## LRSB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
LOC 27 (5°E/2010) ILS CAT II	ISB	110.700 MHz	H24	454710.3N 0240358.3E		
GP 27	-	330.200 MHz	H24	454704.5N 0240554.8E		GP Angle 3° ILS RDH 56 FT
DME	ISB	CH 44X	H24	454704.3N 0240554.6E	1500 FT	
NDB(LO)	SIB	381 KHz	H24	454706.0N 0240909.3E		086° MAG / 2.1 NM From THR 27 Coverage 100NM (declared)
DVOR/DME (5°E/2010)	SBI	114.000 MHz CH 87X	H24	454651.3N 0240516.1E	1500 FT	241° MAG / 0.7 NM from THR 27 Coverage 150NM DVOR Coverage 100NM DME

## LRSB AD 2.20 LOCAL AERODROME REGULATIONS

Passengers pedestrian displacement on APRONS 1 parking position no. 01, 02, 03, 08, 09, 10, 11, 12, 13, 14, 15 is strictly forbidden due to security and safety reasons.

Deplasarea pedestră a pasagerilor pe APRON 1, locurile de parcare nr. 01, 02, 03, 08, 09, 10, 11, 12, 13, 14, 15 este strict interzisă din motive de securitate și siguranța aeronautică.

## Aiport regulations / Reguli de aeroport

## 1. Procedures for acceptance of the aircraft on airfield pavements

## 1.1 Pavements bearing strength details:

- RWY 09 - PCN 110/R/D/W/T
- TWY E - PCN 110/R/D/W/T
- TWY W - PCN 56/R/D/W/T
- TWY N - PCN 56/R/D/W/T
- Stands 1-15 - PCN 110/R/D/W/T
- Stand 16 - PCN 56/R/D/W/T

1.2 Before landing on airport or before filling LRSB as an alternate, for aircraft with maximum ACN higher than 110 for rigid pavements subgrades code D, operators are required to contact airport administration for permission to operate on aerodrome.

## 1. Proceduri de admisibilitate a aeronavelor pe suprafața de mișcare

## 1.1 Detalii asupra portanței suprafețelor de mișcare:

- RWY 09 - PCN 110/R/D/W/T
- TWY E - PCN 110/R/D/W/T
- TWY W - PCN 56/R/D/W/T
- TWY N - PCN 56/R/D/W/T
- Stands 1-15 - PCN 110/R/D/W/T
- Stand 16 - PCN 56/R/D/W/T

1.2 Înainte de operarea pe aeroport sau înainte de a declara LRSB ca aeroport de rezervă, pentru aeronavele cu ACN maxim mai mare decât 110 pentru suprafața rigidă categoria D, operatorii aerieni sunt avertizați să ia legătura cu administrația aeroportului pentru obținerea permisiunii de a opera pe aerodrom.

1.3 Rules for aircraft with actual ACN higher than 56 for rigid pavements subgrades code D:  
a) allowed to taxi on TWY E only.

**2. Apron procedures**

2.1 Parking of aircraft at the positions is performed:  
- according to the signals of the marshaller on APRON 1 at aircraft stands 01-15.

2.2 If the pilot prefers guidance by a follow me car for a taxiing maneuver, he may request one from TWR.

2.3 Follow-me car are identifiable by a functioning lighting signal ramp (Follow Me) and orange omnidirectional light/flashing light.

2.4 On the aprons aircraft are permitted to taxi only at the indispensable minimum engine speed

1.3 Reguli pentru aeronavele cu ACN real mai mare de 56 pentru suprafață rigidă categoria D:  
a) este permisă rularea doar pe calea de rulare E.

**2. Proceduri la platformă**

2.1 Parcarea aeronavei la pozițiile de staționare se face:  
- în conformitate cu semnalele marșaler-ului pe APRON 1 la pozițiile de staționare 01-15.

2.2 În cazul în care pilotul dorește efectuarea manevrelor de rulare cu asistență Follow Me, va solicita acest lucru la TWR.

2.3. Vehiculul Follow Me este identificabil prin rampa luminoasă de semnalizare (Follow Me) și girofar de culoare orange

2.4 Rularea aeronavelor pe platformă este permisă numai la un regim de turație al motoarelor care să permit deplasarea aeronavei.

**Standard taxi routes / Rutele standard de rulare**

1. Landing

Arrival on	Instruction given by ATC				Taxiway to be followed	Remarks
		Name of the Standard Taxi Route				
RWY 27 (Cat I / II aircraft turn around in turning bay located at the end of RWY 09)	Taxi via standard taxi route	Arrival 27 W	To	Stand number 1/2/3/4/5/6/7/8/9/10/11/12/13/14/15	TWY W - TWY N to stands 1/2/3/4/5/6/7/8/9/10/11/12/13/14/15	
		Arrival 27 E		Stand number 1/2/3/4/5/6/7/8/9/11/12/13/14/15	TWY E - TWY N to stands 1/2/3/4/5/6/7/8/9/11/12/13/14/15	
		Arrival 27 E10		Stand number 10	TWY E - to stand 10	
RWY 09 (aircraft turn around in turning bay located at the end of RWY 27)		Arrival 09 W		Stand number 1/2/3/4/5/6/7/8/9/10/11/12/13/14/15	TWY W - TWY N to stands 1/2/3/4/5/6/7/8/9/10/11/12/13/14/15	
		Arrival 09 E		Stand number 1/2/3/4/5/6/7/8/9/11/12/13/14/15	TWY E - TWY N to stands 1/2/3/4/5/6/7/8/9/11/12/13/14/15	
		Arrival 09 E10		Stand number 10	TWY E - to stand 10	

2. Departure

Arrival on	Instruction given by ATC				Taxiway to be followed	Remarks	
		Name of the Standard Taxi Route					
APRON 1  1/2/3/4/5/6/7/8/9/10/11/12/13/14/15	Taxi via standard taxi route	Departure 27 E	To holding point	E	RWY 27	TWY N - TWY E - turn LEFT and taxi line-up THR 27	
		Departure 09 E			RWY 09	TWY N - TWY E - turn RIGHT and taxi line-up THR 09	
		Departure 09 W		W	RWY 09	TWY N - TWY W turn RIGHT and taxi line-up THR 09	
		Departure 27 W			RWY 27	TWY N - TWY W turn LEFT and taxi line-up THR 27	

**LRSB AD 2.21 NOISE ABATEMENT PROCEDURES**

- See AD 1.1-3 -



**LRSB AD 2.22 FLIGHT PROCEDURES****1. P-RNAV requirements / Cerințe P-RNAV**

RNAV SID and STAR procedures within NAPOC TMA are based on DME-DME sensors and designed in accordance with RNAV-1 (P-RNAV) criteria. RNAV-1 (P-RNAV) approval is required to conduct these procedures without additional restrictions.

RNAV-1 (P-RNAV) approved aircraft operators shall fill-in accordingly the flight plan.

Expect direct routing/shortcuts by ATC whenever possible (especially during off-peak hours). The turn to final approach is usually performed by radar vectors to expedite traffic handling and for separation reasons.

Tactical points for non-standard shorter approach are established: EMPOS for SB RWY09, ALOXU for SB RWY27. These points may be used only after request/approval of air crews.

Vertical planning information: air crews should plan for possible descent clearance in accordance with vertical restrictions specified on STAR charts. Actual descent clearance will be as directed by ATC.

In case a published climb gradient can not be respected, air crews should request non-standard departure before startup.

Aircraft movements on the apron surfaces shall be carried out in accordance with the Marshaller's instructions or FOLLOW - ME guidance

Procedurile SID și STAR RNAV din TMA NAPOC se bazează pe senzori DME-DME și sunt proiectate în conformitate cu criteriile RNAV-1 (P-RNAV). Pentru operarea acestor proceduri fără restricții suplimentare, este necesară aprobarea RNAV-1 (P-RNAV).

Operatorii aeronavelor aprobate RNAV-1 (P-RNAV) trebuie să completeze corespunzător planul de zbor.

Ori de câte ori este posibil, ATC va acorda autorizări "direct-to" (îndeosebi în afara perioadelor de vârf).

Virajul către apropierea finală este de obicei efectuat prin vectorizare radar, pentru a fluidiza traficul și pentru asigurarea eșalonării.

Sunt stabilite puncte tactice pentru apropieri non-standard mai scurte: EMPOS pentru SB RWY09, ALOXU pentru SB RWY27. Aceste puncte pot fi utilizate numai la cererea sau cu acordul echipajului.

Informații privind planificarea profilului de zbor vertical: se recomandă ca echipajele să efectueze planificarea zborului pentru o posibilă autorizare a coborârii în conformitate cu restricțiile verticale specificate pe harta STAR. Coborârea se va efectua însă în conformitate cu instrucțiunile ATC.

În cazul în care un gradient de urcare publicat nu poate fi respectat, se recomandă ca echipajele să solicite o decolare non-standard înainte de pornirea motoarelor.

Deplasarea aeronavelor pe platformă se va face doar în condițiile dirijării de către dispecerul sol sau a ghidării cu vehiculul FOLLOW - ME.

**2. Low visibility procedures / Proceduri în condiții de vizibilitate redusă****1. Description of facilities**

1.1. Runway 27 is equipped with ILS and is approved for CAT II (RVR not less than 350m) and LVTO operations.

1.2. Runways 09 are approved for LVTO operations.

**2. Criteria for the initiation and termination of LVP****2.1. Approach and landing**

a) The preparation phase will be implemented when those values falls below :

- RVR 800 m or;
- visibility 1500 m( when is not available RVR) or
- ceiling 500 ft (150 m).

b) The operation phase will be commenced when those values falls below:

- RVR 550 m or;
- visibility 800 m( when is not available RVR) or
- ceiling 200 ft (60 m).

c) LVP will be terminated when

- RVR is greater than 800m
- visibility greater than 1500 m ( when is not available RVR)
- ceiling is greater than 300ft and a continuing improvement in these conditions is anticipated.

**2.2. Take-off**

a) LVP operations will be provided when requested by an aircraft operator to conduct LVTO when the RVR is below 400m;

**1. Descrierea facilităților**

1.1. Pista 27 este echipată cu ILS și este autorizată pentru desfășurarea operațiunilor CAT II (RVR nu mai mică de 350M) și LVTO.

1.2. Pista 09 este autorizată pentru operațiuni LVTO.

**2. Criterii pentru inițierea și terminarea LVP****2.1. Apropierea și aterizarea**

a) Faza de pregătire se declanșează la atingerea sau trecerea în scădere prin una din următoarele valori de prag:

- RVR 800 m sau;
- vizibilitatea orizontală 1500 m( când nu e disponibil RVR) sau;
- plafonul norilor 500 ft (150 m).

b) Faza operațională se declanșează la atingerea sau trecerea în scădere prin una din următoarele valori de prag:

- RVR 550 m sau;
- vizibilitatea orizontală 800 m( când nu e disponibil RVR sau;
- plafonul norilor 200 ft (60 m).

c) Procedurile în condiții de vizibilitate redusă vor fi încheiate atunci când:

- valoarea RVR este mai mare de 800 m;
- vizibilitatea orizontală atinge sau trece în creștere valoarea de 1500 m( când nu e disponibil RVR);
- plafonul este mai mare de 300ft și este anticipată îmbunătățirea continuă a acestor condiții.

**2.2. Decolarea**

a) Operațiunile de vizibilitate redusă vor fi declanșate când există solicitarea unui operator aerian să decoleze când RVR este mai mică de 400m;

b) If LVP operations are not in force, LVTO must be requested a minimum of 30 minutes in advance to permit the appropriate preparations

3. Details of runway exits

3.1. Runway exits are equipped with green/yellow coded taxiway centerline lights.

4. Any ground movements restrictions

4.1. Aircraft movements on manoeuvring area to/from RWY 09/27 should be made using the Standard Taxi-Routes.

4.2. Upon receiving taxi clearance, aircraft must only proceed when a green center line path is illuminated.

4.3. When LVP is in progress, aircraft taxi is limited to one movement at any time. Operation of vehicles on the movement area is limited as minimum required.

5. Description of LVP

5.1. CAT II Approach and Landing

a) Pilots will be informed by ATIS or RTF when LVP are in operation;

b) The localizer sensitive area will be protected when a landing aircraft is within 5 NM from touchdown. ATC will provide suitable spacing between aircraft on final approach to achieve this objective.

5.2 Low Visibility Take Off

a) Aircraft movements on the apron must be carried out with the direction of a "FOLLOW ME" car.

b) Dacă procedurile în condiții de vizibilitate redusă nu sunt declanșate, LVTO trebuie solicitată cu 30 minute înainte pentru a permite pregătirile corespunzătoare LVTO.

3. Detalii privind eliberarea pistei

3.1. Racordurile pistei cu căile de rulare sunt echipate cu lumini axiale codificate verde/galben.

4. Restricții privind mișcarea la sol

4.1. Toate mișcările pe suprafața de manevră spre/dinspre pista 09/27 trebuie făcute utilizând Rutele de Rulare Standard.

4.2. După obținerea autorizării de rulare, aeronava trebuie să înceapă rularea doar atunci când luminile axiale au fost aprinse.

4.3. Pe timpul derulării LVP deplasarea pe suprafața de manevră a aeronavelor este limitată la una singură în orice moment. Circulația vehiculelor pe suprafața de mișcare este limitată la minimum necesar.

5. Descrierea procedurilor în condiții de vizibilitate scăzută

5.1. Apropierea și aterizarea CAT II

a) Piloții vor fi informați RTF atunci când procedurile LVP sunt operaționale;

b) Zona sensibilă ILS va fi protejată atunci când o aeronavă care aterizează se află la 5 NM de punctul de contact. CTA va asigura eșalonarea corespunzătoare între aeronavele aflate pe apropierea finală în vederea îndeplinirii acestui obiectiv.

5.2. Decolarea în condiții de vizibilitate redusă

a) Mișcarea aeronavelor pe platformă trebuie efectuată cu asistența serviciului "FOLLOW ME".

**LRSB AD 2.23 ADDITIONAL INFORMATION**

**a) Removal blocked aircraft / Înlăturarea aeronavelor imobilizate**

- Sibiu Airport does not have equipments of removal of the accidental blocked aircrafts in movement surface and adjacent safety strip.
- Aircraft operators are responsible for removing accidentally immobilized aircraft on the moving surface and the adjacent safety strip.
- Sibiu Airport can provides airline operators with contact details of companies owning equipment and machinery capable of removing accidentally fixed aircraft.

- Aeroportul Sibiu nu dispune de echipamente și utilaje de înlăturare a aeronavelor imobilizate accidental pe suprafața de mișcare și benzile de siguranță adiacente.
- Operatorii Aerieni sunt răspunzători de înlăturare a aeronavelor imobilizate accidental pe suprafața de mișcare și benzile de siguranță adiacente.
- Aeroportul Sibiu poate pune la dispoziție operatorilor aerieni date de contact ale firmelor ce dețin echipamente și utilaje capabile să înlătore aeronavele imobilizate accidental.

**b) Warning for bird hazard / Avertizare pentru pericol de păsări**

- Bird concentration in the AD area.

- Concentrare de păsări în zona de aerodrom.

**LRSB AD 2.24 CHARTS RELATED TO THE AERODROME**

Aerodrome Chart - ICAO .....	AD 2.13-20
Aircraft Parking/Docking Chart .....	AD 2.13-22
Aerodrome Obstacle Chart - ICAO - Type A	
RWY 09 .....	AD 2.13-25
RWY 27 .....	AD 2.13-26
Precision Approach Terrain Charts - ICAO	
RWY 27 .....	AD 2.13-28
Standard Departure Chart - Instrument - ICAO	
RWY 09 .....	AD 2.13-30
RWY 27 .....	AD 2.13-31
Standard Arrival Charts - Instrument - ICAO	
RWY 27 .....	AD 2.13-33
RNAV Standard Departure Chart – Instrument - ICAO	
RWY 09 .....	AD 2.13-34
RWY 27 .....	AD 2.13-35
RNAV Standard Arrival Charts - Instrument - ICAO	
RWY 09 .....	AD 2.13-36
RWY 27 .....	AD 2.13-37
ATC Surveillance Minimum Altitude Chart – ICAO .....	AD 2.13-45
Instrument Approach Charts - ICAO	
RWY 27 ILS .....	AD 2.13-51
RWY 09 NDB .....	AD 2.13-92