

Special Regulations for IFR Approach and Departure SION / Switzerland / LSGS

1. IFR restrictions in aircraft performance

- One-engine-out ceiling for approach minimum 14500' AMSL
- Ability to fly a 6.00° glideslope in approach or landing configuration
- Max IAS for visual manoeuvring 205 kt
- Decision altitudes will be determined in respect of the aircraft's one-engine-out performance up to 11500' (see Jeppesen chart 11-1)
- Aircraft one-engine-out performances for departures shall comply with the minimum crossing altitudes (MCA) published on the SIDs

Operators with aircraft not able to meet these performance limitations are requested to develop a special procedure according to ICAO Annex 6.

These procedures are subject to approval by the Federal Office for Civil Aviation (FOCA).

For further information contact Sion Airport Authority.

2. Operations at night

IFR night operations are subject to a special permission by FOCA. For operations at night, the following conditions need to be fulfilled:

- Rwy 25 must be in use
- Pilot-in-command (PIC) must dispose of an IFR certification for SION.

2.1 Departures at night

- For departures at night the Sion high performance departures (see Jeppesen charts 10-3D and 10-3E) shall be applied exclusively.
- The Maximum Take-Off Mass (MTOW) for a departure at night shall, in case of an engine failure, allow the aircraft to comply with the following MCAs:
D6.0 SIO – 4930', D10.0 SIO – 6810', D16 SIO – 9630', D20 SIO – 11500',
- A copy of the manual on aircraft performance data shall be forwarded to the Airport Authority prior to commence operations.

2.2 Landings at night

For landings at night the following conditions need to be fulfilled:

- Aircraft shall be able to comply with Sion high performance departures (see Jeppesen charts 10-3D and 10-3E)
- DA/MDA min 4500'
- Visibility 5km
- In case of go around below 4500' follow Sion high performance departure

Minimum Requirements for Pilot Qualifications

1. Pilot qualification

Any pilot (PIC) wishing to operate under IFR at Sion shall be instructed and qualified for the IFR procedures with an aircraft of the corresponding category.

1.1 Exception for IGS approach

No special training / instruction for pilots is required if the following conditions are met:

- Radar line-up must be provided by ATC
- Visibility 5 km
- Departures and arrivals only between sunrise and sunset
- PPR
- DA/MDA min. 8000'

For IGS approach with DA/MDA lower than 8000' and for SID, pilots shall be instructed and qualified for Sion IFR procedures by the FOCA or by the operators designated by the respective civil aviation authorities. The instruction program must at least contain the following elements:

- 1 normal IGS approach to DA/MDA with a visual final approach and landing
- 1 take-off with visual climb to GRANA and SID to SIO VOR
- 1 contingency circuit for Rwy 07 and for Rwy 25.

After the IFR familiarization flights at Sion, pilots will be authorized to execute corresponding IFR approaches, provided they have performed 1 practice IFR approach at Sion during the last 12 months with an aircraft of the corresponding category; past this time an IFR approach at Sion with DA/MDA 8000' is required.

Training flights with the purpose to obtain the IFR qualification shall be arranged with the airport authority:

Sion Airport Authority
CH-1950 Sion
Tel: +41 (0)27 329 06 00
Fax: +41 (0)27 329 06 16
SITA: SIRAPXH

2. Instructors

2.1 Company instructors

An experienced flight instructor of an aircraft operator can be designated by the FOCA to perform the Sion airport pilots qualification with pilots of the same organization after he has made at least 10 approaches and landings as Pilot in command at Sion. Those 10 approaches could be reduced to 5 if he has previously made 10 approaches and landings on other aircraft types. The request shall be addressed to Sion Airport.

2.2 General aviation instructors

The Airport Authority is holding a list of all instructors qualified to introduce other pilots for Sion procedures. Any pilot wishing to be designated as an instructor for Sion aircraft and pilot qualifications shall send his application to Sion Airport. The candidate shall be an experienced IFR flight instructor and have the minimum number of approaches flown as mentioned above. The first introduction must be made under the supervision of an instructor designated by the FOCA.

Additional Important Procedures

1. Radio Communication Failure

- Set transponder on 7600
- Proceed back to MOT VOR, remain North of R-110 MOT VOR and maintain the last assigned FL (MIM FL170)
- Then carry out the full Instrument Guidance System (IGS) procedure

2. RADAR Failure Proc. in IMC during RADAR-Vectoring by ATC

- If RADAR contact is lost for more than 30 sec, ATC will clear the pilots to proceed back to MOT VOR
- ALT or FL will be advised by ATC.