Training Requirements Application Manual

Guidelines for the Sion Airport Pilot Qualification

Version 4.0
March 2025

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1 Pilot Qualification

To operate at Sion under IFR, the pilot must hold a valid Pilot Qualification for the applicable type of operation and flight procedures.

The training program for each Pilot Qualification type is described in this Training Requirements Application Manual (TRAM).

To achieve the Pilot Qualification, the Operator (or the Pilot) shall forward a proof of conducted pilot training to **Sion AA**.

The pilot/operator is responsible to check the performance of the aircraft required for Sion Airport operations and that the regulations and rules applicable to the type of operation are complied with, as indicated in documents such as, for example, OM, AFM, etc.

Some considerations

The IGS approach RWY 25 is not considered as a so called “Steep Approach” as the IFR segment terminates at 7 NM final. Therefore, the aircraft has not to be certified for a 6° GS capability.

The High Performance (HP) SIDs are based on All Engines Operative AEO.

The aircraft must always meet the climb requirements of the applicable procedure. If unable, an emergency flight path must be considered. These emergency procedures are the responsibility of the operator/pilot and must be available during the preparation and execution of the flight.

2 TRAM (Training Requirements Application Manual)

This document shall be regarded as a guideline covering the minimum training requirements, defined by Sion Airport Authority and approved by the Swiss Federal Office for Civil Aviation (FOCA), to obtain the corresponding Pilot Qualification type A or B.

The requirements contained in this document do not exempt an Operator or a Pilot from observing the overall governing regulations, such as EASA and/or National regulations.

3 Applicability

The guidelines of this manual are applicable for the training of all flight crews operating under IFR at Sion.

Operators holding an AOC (CAT = Commercial Air Transport - scheduled and charter operators) may use these guidelines to draw up their own (company) training program, which will be submitted to the relevant National Aviation Authority (NAA) for approval or verification of compliance. Depending on the procedures required for B qualification and the aircraft's performance, the training program may be modified as required and in agreement with the Sion airport qualification representative.

The above is valid for NCC (Non-Commercial Complex) if required by the NAA.

4 Pilot Qualifications and Aircraft Performance

4.1 Overview

REQUIREMENTS OVERVIEW				
Flight operation & procedures		Requirements & Conditions		
		Pilot Qualification	**Conditions**	**Aircraft Performance**
VFR departure		NIL	VMC	NIL
IFR departure	Low PER SIDs (via GS300), day only	A / B	A: VIS 8000 m + ceiling 7400 ft AAL, B: VIS 5000 m + ceiling 5400 ft AAL, VFR to GS300	NIL
	High PER SIDs, day only	A	VIS 5000 m + ceiling 6500 ft AAL	High PER
	High PER SIDs, day and night	B	RVR 550 m	High PER
VFR approach & landing		NIL	VMC	NIL
IFR approach & landing	IGS RWY 25, DA 8000 ft, day only	A	VIS 8000 m + ceiling 6500 ft AAL	OEI ceiling for APCH *14500 ft AMSL*. Able for a 6° glide path angle. OEI missed APCH climb gradient
	IGS RWY 25, DA according to ACFT PER, day only	B	VIS 5000 m	
	IGS RWY 25, DA according to ACFT PER, night only	B	VIS 5000 m, high PER DEP, only if RWY 25 in use	
	RNP RWY 25 (AR) DA according to ACFT CAT day only	B	NAA approved*	
	RNP RWY 25 (AR), DA according to ACFT CAT night only	B	High PER DEP, only if RWY 25 in use NAA approved*	
	Circling RWY 07, day only	–	AVBL for ACFT categories A, B with speed limit of 125kt	
Note:	1) MNM climb gradient in accordance with LSGS AD 2.24.10.1 (go-around missed APCH climb gradient) 2) The conditions given by this table allow any ACFT category to operate, provided it fulfils the MAX IAS			
Legend:	NIL = not required NAA = National Aviation Authority * (Special aircraft and aircrew authorisation required)			

4.2 Qualification Type and Performance

4.2.1 Pilot qualification Type A

The pilot must complete the training on Sion Airport internet briefing link below:

www.sion-qualification.ch

4.2.2 Pilot qualification Type B

The pilot must undergo a briefing and a flight training program, either on a simulator approved by Sion AA, or on the aircraft, with an approved instructor.

4.2.3 Aircraft Performance

The PIC is responsible to check the performance of the aircraft required for Sion Airport.

Note: *The aircraft must always meet the climb requirements of the applicable procedure*

4.3 Procedures to obtain the Qualifications

What are the correct procedures to obtain the Qualifications?

4.3.1 For scheduled and charter Operators (Commercial Air transport = CAT):

Pilot qualification Type A

a) Apply on : www.sion-qualification.ch
b) **Sion AA** will issue a certificate of completion
c) The **Operator** presents the documents showing the compliancy with the Aircraft certification requirements to the respective NAA

Pilot qualification Type B

a) The Operator or the pilot proves to **Sion AA** (see corresponding application form as example on page 10) that Pilot Qualification type B has been accomplished.
b) The Operator transmits an updated list of pilots, who own a valid type B Pilot Qualification to the **Sion AA**
c) The Operator presents the documents showing the compliancy with the Aircraft certification requirements to the respective NAA

4.3.2 For all other Operators included Private/Business Operators (NCO and NCC)

Pilot qualification Type A

a) Apply on : www.sion-qualification.ch

b) **Sion AA** will issue a certificate of completion

Pilot qualification Type B

a) The Operator or the pilot proves to **Sion AA** (see corresponding application form as example on page 10) that Pilot Qualification type B has been accomplished.

Remark: *When the Sion type B Qualification is requested to perform a procedure and considering a multi crew, only the PIC, who has to be the pilot flying PF, has to hold a Sion type B Qualification, while the SIC needs an A one.*

Be aware: *The Type B qualification is linked to the performance of an aircraft and is therefore valid for all aircraft with the same or similar performance. However, a B qualification carried out on a jet is valid for a turboprop, which is not the case in the opposite direction. Bear in mind, however, that the performance of the aircraft, whatever it may be, must be able to meet the requirements of the SIDs. If you still have any doubts about transferring your qualification from one type of aircraft to another, please do not hesitate to contact Sion airport.*

4.3.3 Administrative fee

A flat-rate fee of CHF 200 is charged by Sion airport for each initial and renewal of B qualification. The fee does not apply to an extension of the validity of the B qualification in the context of a recurrent or a flight to/from Sion airport.

4.3.4 Definition:

Initial: Initial course

Recurrent: Recurrent training following the initial course to maintain B Qualification

Renewal: Renewal of B Qualification after a 12-month interruption without having carried out, as a minimum, an IFR approach and an IFR departure to/from Sion

4.3.5 Transmission of training report

Each training session for an initial course, a recurrent or a renewal of a B qualification must be communicated to Sion airport using the *Qualification B Form*.

5 Minimum training requirements for obtaining the Sion Type B Qualification

5.1 On the aircraft

a) 1 High Performance HP Departure RWY 25

b) 1 IGS approach RWY 25 if not previously carried out according to the A qualification criteria

c) 1 LOW PERFORMANCE SID RWY 25 and RWY 07 (via GS300 waypoint)

d) 1 visual APPR RWY 07 and 25 (if requested) following an IGS approach

e) 180° clockwise turn overhead the city of Martigny (SW of Sion) and back to Sion (if necessary for contingency requirements)

f) View of surroundings and obstacles

Note: *All flight training must be conducted with an AEO and VMC conditions must exist below 8000 ft MSL (Qual A minima). After co-ordination with the operator/pilot concerned, the instructor may request additional or other requirements if emergency and/or contingency procedures make this necessary, e.g. take-off and departure along the emergency/contingency path if it differs from normal procedures.*

5.2 In the simulator

a) 1 HIGH PERFORMANCE SID RWY 25

b) 1 IGS Approach

c) 1 LOW PERFORMANCE SID RWY 25 and RWY07 (via GS300 waypoint)

d) 1 Visual APPR RWY 07 and 25 (if requested)

e) 180° clockwise turn overhead the city of Martigny (SW of Sion) and back to Sion (if necessary for contingency requirements)

f) View of surroundings and obstacles

g) Different weather scenario, one engine inoperative OEI scenario according company requirements.

Note: *After coordination with the operator / Pilot concerned, the instructor may request additional or other requirements if emergency and/or contingency procedures would make that necessary e.g. take-off and departure along the emergency / contingency trajectory if it differs to the normal procedures.*

6 Minimum requirements to become an instructor authorized to deliver the Sion Type B Qualification

6.1 Training for Airport Qualification

The authorization and qualification for instructors and training organizations wishing to conduct training for the Sion Airport Qualification is under the responsibility of **Sion AA**.

6.1.1 Instructors

Any experienced IRI, TRI, CRI or company designated pilot, approved by his NAA , his company and **Sion AA**, may conduct the Sion Airport Qualification training, provided he/she holds a valid Sion Type B Qualification and an instructor certificate delivered by **Sion AA**.

The instructor certificate is delivered after completion of a briefing and a flight training given by an authorized instructor.

6.2 Training program

The minimum training program shall comply with the content of section 5 of this manual, and must be conducted in accordance with the requirements of the applicable procedure.

7 Validity of the Sion Type A and B Qualification

Pilots are recent for IFR procedures, if at least one IGS APCH into and one IFR DEP from Sion are conducted within a 12 months period (valid until the end of the month).

In case of an interruption of the recency of more than 12 months, a new qualification type A or B is required.

8 Authority

The **Sion AA** has the right to deny or withdraw a Pilot Qualification, as well as to request additional requirements or clarifications for the approval of a Pilot Qualification.

Example

Qualification B Form

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TYPE OF TRAINING		
Initial	Initial course	☐
Revalidation	Revalidation training following the initial course to maintain B Qualification	☐
Renewal	Renewal of B Qualification after a 12-month interruption without having carried out, as a minimum, an IFR approach and an IFR departure to/from Sion	☐

PILOT AND AIRCRAFT/SIMULATOR DETAILS			
Name		First name	
Phone nr.		E-mail	
Licence type		Licence nr.	
A/C type		A/C Reg	
Operator name		Ops nature	Commercial ☐ Private ☐
Billing to	Flying center ☐ Operator ☐ Private pilot ☐	Billing address	

I hereby declare that I have checked the limitations with the AFM for the aircraft type trained and I found the limitations correct and acceptable. I will plan my flights in accordance with these limitations and follow the procedures as published and instructed.

Date		Pilot signature	

⇨ Qualification Activation ⇦

Sion Airport charges a fee of CHF 200 for each B Qualification issued, activated upon payment.

Please contact aeroport@sion.ch without delay for payment formalities.

PILOT TRAINING PROGRAM			
☐ 1 High Performance SID RNAV RWY 25			
☐ 1 IGS Approach			
☐ 1 Low Performance SID RNAV RWY 25 and RWY 07 (via GS300 waypoint)			
☐ 1 Visual Approach RWY 07 and 25 (if requested)			
☐ 180° clockwise turn overhead the city of Martigny (SW of Sion) and back to Sion (if necessary for contingency requirements)			
☐ View of surroundings and obstacles			
☐ Different weather scenario, one engine inoperative OEI scenario according company requirements.			
Flight time		Nbr of T/O	
Nbr of Appr		Nbr of LDG	

FINAL DECISION		
☐ Qualified	Date	
Flight Training Centre	Instructor name	
Select Organization	Instructor signature	

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