

# Training Requirements Application Manual

## Guidelines for the Sion Airport Pilot Qualification



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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.

### 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 departure is 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.

## 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<sup>1</sup> (scheduled and charter operators) may use this guideline to set up their own (Company) training program that shall be submitted to the respective National Aviation Authority (NAA) for approval.<sup>2</sup>

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<sup>1</sup> AOC Air Operator Certificate

<sup>2</sup> NAA : National Aviation Authority

## 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	Standard SID (via GRANA), day only	A / B	VIS 8000 m + ceiling 6500 ft AGL, VMC to GRANA	NIL
	High PER VMC SID, day only	A	VMC until reaching final SID altitude	High PER
	High PER SID, day and night	B	VIS 1500 m, only if RWY 25 in use	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 AGL	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	
	RNAV (RNP) RWY 25 DA according to ACFT CAT day only	B	NAA approved	
	RNAV (RNP) RWY 25, DA according to ACFT CAT night only	B	High PER DEP, only if RWY 25 in use NAA approved	
	Circling RWY 07, day only	B	Aircraft category A, B and C only with max circling speed "CAT B"	
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			

## 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](http://www.sion-qualification.ch)

### 4.2.2 Pilot qualification Type B

The pilot must complete a briefing and a flight training program, either on a simulator approved by **Sion AA** or on the aircraft, with an authorized 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:

#### Pilot qualification Type A

- a) Apply on : [www.sion-qualification.ch](http://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)

#### Pilot qualification Type A

- a) Apply on : [www.sion-qualification.ch](http://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 Sion Type B Qualification obtained on a propeller aircraft is not valid for a Jet Aircraft. However, a Type B Qualification obtained on a jet is valid for a propeller aircraft, starting from the principle that the propeller aircraft is able to comply with the requested performances.



## 5 Minimum training requirements for obtaining the Sion Type B Qualification

### 5.1 In the aircraft

- a) 1 High Performance HP Departure RWY 25
- b) 1 IGS Approach
- c) 1 SPR1J Departure (via GRANA waypoint)
- d) 1 Visual circuit RWY 07 and 25
- e) 180° clockwise turn overhead the city of Martigny (SW of Sion) and back to Sion
- f) View of surroundings and obstacles

**Note:** the whole flight training as to be conducted in VMC conditions and AEO.

### 5.2 In the simulator

- a) 1 High Performance HP Departure RWY 25
- b) 1 IGS Approach
- c) 1 SPR1J Departure (via GRANA waypoint)
- d) 1 Visual circuit RWY 07 and 25
- e) 180° clockwise turn overhead the city of Martigny (SW of Sion) and back to Sion
- f) View of surroundings and obstacles
- g) Different weather scenario, one engine inoperative OEI scenario according company requirements.

## 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

### Pilot Qualification B Report

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PILOT AND AIRCRAFT/SIMULATOR DETAILS			
Name		First name	
Phone nr.		E-mail	
Licence type		Licence nr.	

A/C type		A/C Reg or Simulator		A/C CAT	B	
Operator		Commercial	<input type="checkbox"/>	Private	<input type="checkbox"/>	

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	
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PILOT TRAINING PROGRAM			
Program	Comments		
<input type="checkbox"/> T/O Rwy 25, SPR 3U, High Performance			
<input type="checkbox"/> IGS Rwy 25			
<input type="checkbox"/> T/O Rwy 25, SPR 2J			
<input type="checkbox"/> Visual Rwy 07, L/H circuit at 4000 ft			
<input type="checkbox"/> T/O Rwy 07, climb to 6000 ft, left turn and proceed to Martigny			
<input type="checkbox"/> 180° clockwise turn overhead Martigny, back to the Airport			
<input type="checkbox"/> Visual Rwy 25, L/H circuit at 4000 ft			
<input type="checkbox"/> Pilot ability to fly 6° glide			
<input type="checkbox"/> 1 RNP AR Approach (only if Operator has approval)			
Flight time		Take off Nbr.	
Approach Nbr.		Landing Nbr.	

FINAL DECISION		
<input type="checkbox"/> Qualified	Date	
 To be self-requalified each year by min. 1 IGS + 1 HP		
<input type="checkbox"/> Not Qualified	Reasons	
Flight training centre	Instructor name	
Select Organization	Instructor signature	