



Sailplane Flight Instructor Refresher Seminar

For the recency of the FI(S) rating

according to EASA Part-SFCL

The Swiss Gliding Federation conceived this document using the example documents developed by the FOCA and the already proven instruction programmes of the Federation.

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(Stand Mai 2020)

LoR Log of Revision

LoR REV0 / 26.10.2020

Date	Issue	Revision (REV)	Changes
26.10.2020	1	0	Initial issue

LoC List of Effective Chapters

LoC REV0 / 26.10.2020

LoR	REV0 / 26.10.2020	2.3	REV0 / 26.10.2020
LoC	REV0 / 26.10.2020	2.4	REV0 / 26.10.2020
CoL	REV0 / 26.10.2020	2.5	REV0 / 26.10.2020
ToC	REV0 / 26.10.2020	2.6	REV0 / 26.10.2020
LoA	REV0 / 26.10.2020	2.7	REV0 / 26.10.2020
Part 1	REV0 / 26.10.2020	2.8	REV0 / 26.10.2020
1.1	REV0 / 26.10.2020	Part 3	REV0 / 26.10.2020
1.3	REV0 / 26.10.2020	3.1	REV0 / 26.10.2020
Part 2	REV0 / 26.10.2020	Part 4	REV0 / 26.10.2020
2.1	REV0 / 26.10.2020	4.1	REV0 / 26.10.2020
2.2	REV0 / 26.10.2020	4.2	REV0 / 26.10.2020

CoL Compliance List

CoL REV0 / 26.10.2020

Reference	Chapter
SFCL.360	Chapter 2

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ToC Table of Contents

ToC REV0 / 26.10.2020

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LoA List of Abbreviations

LoA REV0 / 26.10.2020

The following abbreviations are within this syllabus:

Abbreviation	Definition	Abbreviation	Definition
(A)	Aeroplane	GNSS	Global Navigation Satellite System
ABB	Abbreviations	HT	Head of Training
AD	Administration	IAS	Indicated Air Speed
ADF	Automatic Direction Finding	ICAO	International Civil Aviation Organisation
AFM	Aircraft Flight Manual	km	kilometre
AGL	Above Ground Level	LAPL	Light Aircraft Pilot Licence
ATC	Air Traffic Control	LoA	Log of Abbreviations
ATO	Approved Training Organisation	LoC	List of Effective Chapters
ATPL	Airline Transport pilot Licence	LoR	Log of Revisions
BAK	Basic Aviation Knowledge	NAV	Navigation
BFCL	Balloon Flight Crew Licensing	NDB	Non-Directional Beacon
BPL	Balloon Pilot Licence	NM	Nautical Mile
CDI	Course Deviation Indicator	No	Number
CFI	Chief Flight Instructor	NOTAM	Notice To Airmen
CG	Centre of Gravity	OBS	Omni Bearing Selector
CoL	Compliance List	OFP	Operational Flight Plan
CP	Cover Page	ORA	Organisation Requirements for Aircrew
CPL	Commercial Pilot Licence	PAPI	Precision Approach Path Indicator
CTR	Control zone	PIC	Pilot In Command
DABS	Daily Airspace Bulletin Switzerland	POH	Pilot's Operating Handbook
DF	Direction Finder	PPAA	Power / Performance / Analyse / Action
DME	Distance Measuring Equipment	PPL	Private Pilot Licence
DTO	Declared Training Organisation	QDM	Magnetic bearing to a station
EASA	European Aviation Safety Agency	R/T	Radiotelephony
ETA	Estimated Time of Arrival	REV	Revision
etc.	etcetera	ROC	Rate of climb
EU	European Union	RPM	Revolution Per Minute
FCL	Flight Crew Licensing	SFCL	Sailplane Flight Crew Licensing
FOCA	Federal Office of Civil Aviation	SPL	Sailplane Pilot Licence
ft	feet		
G	Gravity acceleration		

Abbreviation	Definition	Abbreviation	Definition
TM	Training Manual	V _{Climb}	Climb speed
TMA	Terminal area	VDF	VHF Direction Finding
TMG	Touring Motor Glider	VFR	Visual Flight Rules
ToC	Table of Content	VHF	Very High Frequency
TOC	Top Of Climb	VOR	VHF Omnidirectional Range
TOD	Top Of Descend	V _X	Best angle of climb speed
VAC	Visual Approach Chart	V _Y	Best rate of climb speed
VASI	Visual Approach Slope Indicator		

1 Participants

Part 1 REV0 / 26.10.2020

1.1 ATO/DTO Records

1.1 REV0 / 26.10.2020

Personal data of participants

[illegible]

Documents to be stored

□ «Chapter 1.1» of this syllabus

HT / CFI signature:

date:

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1.2 Certificate of completion of the FI(S) refresher seminar (copy for the participant)

1.3 REV0 / 26.10.2020

Personal data

Last name:	First name:
Licence number:	Signature:

Content of the seminar

	Theory hours
Topics for the theoretical knowledge classes	<i>Min 6h total</i>
New or current rules or regulations, with emphasis on knowledge of Part-SFCL and operational requirements	
Teaching and learning	
The role of the instructor	
National regulations (as applicable)	
Human factors	
Flight safety, incident and accident prevention	
Threat and error management TEM	
Airmanship	
Legal aspects and enforcement procedures	
Navigational skills including new or current radio navigation aids	
Teaching instrument flying	
Weather related topics including methods of distribution	
Any additional topic selected by the competent authority	

Confirmation of the organiser

I certify that the FI(S) refresher seminar was held according to SFCL.360 and AMC1 SFCL.360(a)(1)(i) and that the above-named participant followingly attended and satisfactorily participated during the seminar.

Name:	Licence number:
Date:	Signature:

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2 Introduction

Part 2 REV0 / 26.10.2020

2.1 Syllabus

2.1 REV0 / 26.10.2020

This syllabus for the FI(S) refresher seminar conforms to the requirements of Part SFCL. The purpose of this syllabus is to provide all the information required, to instructors and to the teachers who are involved in the training course.

The training consists of theoretical and practical knowledge training by an FI(S) who is authorized to instruct toward an FI(S) rating or by some experienced FI(S) currently involved with flying training and with a practical understanding of the revalidation requirements and current instructional techniques, as per AMC1 SFCL.360(a)(1)(i).

2.2 The aim and structure of the course

2.2 REV0 / 26.10.2020

The training course is designed to refresh the instructor's theoretical knowledge, flying techniques and teaching competences based on established teaching methods.

The aim of the training course is to refresh the instructor's abilities to teach SPL students how to become proficient in glider pilot operation as well as all the duties and functions connected with the FI(S) role.

During the training course the instructor is made aware of hazardous situations that may occur during training flights and their effect on flight safety. Safety awareness and risk management are a fundamental part of the course.

2.2.1 Course completion

After attendance and satisfactory participation to the refresher seminar, the participating FI(S) receives a certificate of completion of the seminar (chapter 1.21.2).

2.3 Pre-entry requirements

2.3 REV0 / 26.10.2020

Before being accepted for training the instructor shall:

- Hold an SPL with FI(S) rating

2.4 Summary of minimum training hours

2.4 REV0 / 26.10.2020

The FI(S) refresher seminar should run for at least 1 day (with a minimum of 6 hours of teaching time), and attendance from participants will be required for the whole duration of the seminar including breakout groups and workshops.

2.5 Method of theoretical knowledge training

2.5 REV0 / 26.10.2020

The theoretical knowledge training consists of all instruction given for the purpose of the training course and includes classroom lessons.

Formal sessions should allow for a presentation time of 45 minutes, with 15 minutes for questions. The use of visual aids is recommended, with interactive video and other teaching aids (where available) for breakout groups and workshops.

2.6 Method of flying training

2.6 REV0 / 26.10.2020

Not applicable

2.7 Teaching materials

2.7 REV0 / 26.10.2020

The following list represents the reference material that covers the subject details shown in the main body of the syllabus:

- Handbook for Pilot Licensing Sailplanes (Roy Jenkins)
- Segelfliegen, Methodik der Grundschulung nach EASA, 2014(Markus Hösli)
- FI Syllabus SFVS
- Lehrmittel TEM
- Teaching and Learning Course Material SFVS
- EASA AMC and GM to Part-SFCL Requirements for sailplane flight crew licensing
- DTO Training handbooks
- DTO Syllabi
- Aircraft flight manual (AFM) / Pilot's operating handbooks (POH)

2.8 Time scale

2.8 REV0 / 26.10.2020

Not applicable.

3 Theoretical knowledge training

Part 3 REV0 / 26.10.2020

3.1 Theoretical knowledge subjects and time scale

3.1 REV0 / 26.10.2020

The content shall be selected under the following topics:

Topics for the theoretical knowledge classes
New or current rules or regulations, with emphasis on knowledge of Part-SFCL and operational requirements
Teaching and learning
The role of the instructor
National regulations (as applicable)
Human factors
Flight safety, incident and accident prevention
Threat and error management TEM
Airmanship
Legal aspects and enforcement procedures
Navigational skills including new or current radio navigation aids
Teaching instrument flying
Weather related topics including methods of distribution
Any additional topic selected by the competent authority

The effective course contents of any specific seminar will be stated in the certificate of completion.

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4 Flight instruction

Part 4 REV0 / 26.10.2020

4.1 Practical exercises

4.1 REV0 / 26.10.2020

Not applicable

4.2 Time scale table

4.2 REV0 / 26.10.2020

Not applicable

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