



DC-3 World Tour 2026

Flight 05 Briefing

1. **Flight.** Flight from Houssen (LFGA) to Sion (LSGS). The flight distance is about 149 nm and the flight time is around 01 hour(s), 00 minutes.
2. **Simulator Date/Time of flight:** 8 May at 9h0 local time.
3. **Departure Airport.** Houssen at an elevation of 628 ft AMSL.

Current weather conditions:

The surface wind from **230°** at about **6** kts. The temperature is **20°C** with a dew point of **15°C** resulting in a humidity of **73%** (MSFS **14.6**), the barometric pressure **29.92** inHg with a visibility of **10** nm.

Clouds, Scattered Altostratus with base at 12000 ft AGL up to about 17000 ft. Higher up Broken Altocumulus with base at 25000 ft AGL and some None None at ft.

METAR LFGA 080900Z AUTO 23006G08KT 10SM SCT114 BKN244 20/15 A2992

4. **Destination Airport.** The destination is Sion at an elevation of 1582 ft. Use the **RNAV 25 GS608** approach, see the RNAV (RNP) RWY 25 plate below. Use the minimum altitudes as indicated in the elevation profile view of the plate.
5. **Flight Route and Cruise Altitude.**

Flight from Houssen (LFGA) to Sion (LSGS), Distance: 149 nm, ETE: 01:06 , 0 Touch & Go airports.

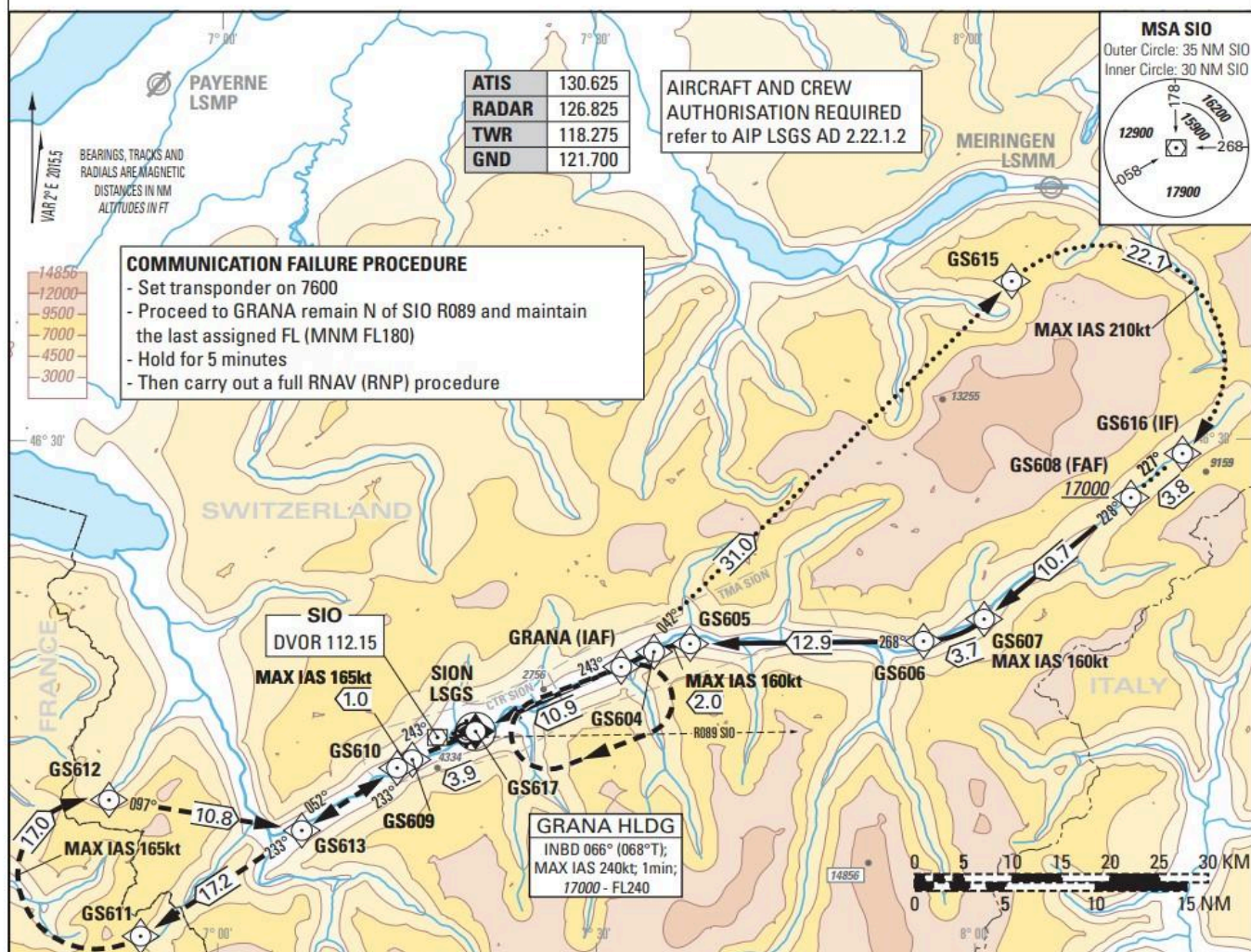
► Depart Houssen climbing to 5500 ft on heading 153° to WIL VORDME (H) 116.9 MHz ,Overfly

• Overfly Willisau climbing to 14500 ft on heading 148° to RNAV 25 GS608 ,Overfly

• Overfly RNAV 25 GS608 descending to 3000 ft on heading 248° to Sion Full stop at LSGS.

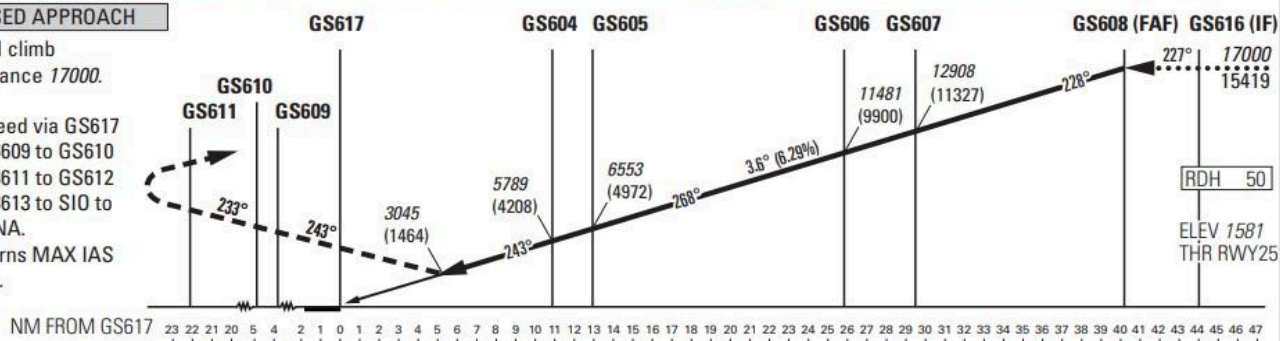
FLEV 1581 ft

SION LSGS
RNAV (RNP) RWY 25
ACFT CAT A/B/C



Initial climb
clearance 17000.

Proceed via GS617
to GS609 to GS610
to GS611 to GS612
to GS613 to SIO to
GRANA.
All turns MAX IAS
165kt.



DECISION ALTITUDE (HEIGHT)	Missed APCH climb gradient requirement	STRAIGHT-IN APPROACH		
		A	B	C
RNP AR 0.3	5.0%	3045 (1464)	3058 (1477)	3071 (1490)

- Approach not authorized when airport temperature below -18°C or above +37°C.
- RNP AR RDH = 50 (PAPI MEHT = 28ft).
- PAPI not coincident with VPA.
- RNP 0.5 in Missed-Approach up to GS611.
- VSS (Visual Segment Surface) free of obstacles.

- On 3.6° APCH angle and GS > 150kt resulting ROD will be > 1000ft/min.

ROD	GS kt	80	100	120	140	160
	FT/MIN	510	640	760	890	1020
Missed APCH WPT		GS609	GS610	GS611	GS612	
recommended CROSSING ALTITUDE (HEIGHT) for Missed APCH climb gradient 5.0%		5050 (4910)	5340 (3760)	10560 (8980)	15710 (14130)	

COR: new chart (WEF 15OCT2015)

Weather

FP05		Flight 05		METAR LFGA 080900Z AUTO 23006G08KT 10SM SCT114 BKN244 20/15 A2992										
Date:	08	May	Flight Info		ICAO	Elev	Name		Variation:	Flight Duration				
			Departure	LFGA	628	Houssen		-3.3	Total Dist:	With Wx	CAVOK	CAS		
ETD:	09	00	Destination	LSGS	1582	Sion		-E/+W	149.0	1:06:27	1:03:18	138		
Layer	CLOUDS						PRECIPITATION							
	Type	Cover	Turbulence	Tops AMSL	Base AMSL	Icing	Type	Rate						
1	Altostratus	Scattered	Light	17000	12000	None	None	None						
2	Alto cumulus	Broken	Light	20000	25000	None								
3	None	None	None			None			MSFS					
									14.60					
Layer	WINDS						TEMPERATURE				Pressure InHg	VISIBILITY		
	Alt AMSL	Speed (kts)	Gusts	Dir °M	Turbulence	Shear	Alt AMSL	°C	Dewpoint °C	Humidity %		Tops AMSL	Base AMSL	Vis - SM
1	Surface	06	08	230	None	None	Surface	20	15	73	29.92			10
2	13500	14	20	230	Light	None								
3					None	None								