

		GVMs check flight LSZA retour							DR400-180	TAS [kts]		VAR: 3°E		
									HB—KHV	100 (92)				
Waypoint		TC [°]	MC [°]	Dist. [NM]	Altitude [ft]	EET [min]	Wind		MH [°]	GS [kts]	EET [min]	ETO	ATO	Notes
							[°]	[kts]						
	LSZA													
	Luino	262	VAC	8		⊙ 5+5								
	L. Mergozzo		259	11		7								
	Pieve Vergonte		282	279	9				⊙ 6					
	Varzo	359	356	13	8300	⊙ 8								
	Simplon		V	13		⊙ 8								
	Brig	332	329	6		4								
	E	270	267	14	4000	8								
	E1		V	6		4								
	E2		V	5		3								
	LSGS		VAC	4		2+5								
				89		65								
	aller		VAC	100		60+5								
	Z1		V	10		6								
	Z		V	7		4								
	LSTA		VAC	5		3+5								
				22		18								

TOD:

- 120kts (2NM/min) 500 ft/min (children -12: 300)
3deg makes descent rate = GS x5
- 1NM attitude change
- 2NM speed decrease
- (2NM approach check (if needed))

Fuel	Fuel consumption: 40 l/h			
	No wind		Wind	
	time	fuel [l]	time	fuel [l]
Trip:	2 :10	87	:	
Alternate:	0 :18	12	:	
Reserve:	0 :45	30	:	
Unusable:		1	:	
Minimum fuel:		130	:	
Extra +5%:		7	:	
Ramp fuel:		137	:	

Mass and balance	Mass [kg]	Arm [m]	Moment [m kg]
Empty	642		205.47
Front	180	0.4	72
Rear #1	0	1.2	0
Luggage #1	5	1.9	9.5
Unusable fuel #1=1l	0.72	1.12	0.806
Unusable fuel #2	0	0.1	0
Unusable fuel #3	0	0.1	0
0-fuel	827.72 MLDGW=1045	min=0.428 0.348	287.776
		max=0.564	
Fuel #1= 109 +1l	0.72	1.12	0.806
Fuel #2= 40 +0l	0	0.1	0
Fuel #3	0	0.1	0
T-off	935 max=1100	min=0.428 0.405	378.554
		max=0.564	

1 USG = 3.785 l

1 Imp.G = 4.55 l

1 l Avgas = 0.72 kg

1 USG Avgas = 6 lbs