

		Othmar							C182S		TAS [kts]		VAR: 3°E	
									HB—TDR		120 (90)			
Waypoint	TC [°]	MC [°]	Dist. [NM]	Altitude [ft]	EET [min]	Wind [°] [kts]		MH [°]	GS [kts]	EET [min]	ETO	ATO	Notes	
LSGE														
Morat			13	3000	7+5									
Payerne	229	226	10	3500	5									
Mt Racine	338	335	14	6000	© 9									
Creux-du-Van	216	213	7		4									
Moudon	165	162	18		9									
Chillon	165	162	16		8									
Montbovon	053	050	7	6000	4									
LSGE		VAC	16	4000	8+5									
			101		64									
Circuits		V	30	3300	15									
LSGT		VAC	15	3300	8+5									
			45		28									

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: 13 USG/h			
	No wind		Wind	
	time	fuel [USG]	time	fuel [USG]
Trip:	1 :04	14	:	
Alternate:	0 :28	7	:	
Reserve:	0 :45	10	:	
Unusable:		4	:	
Minimum fuel:		35	:	
Extra +5%:		2	:	
Ramp fuel:		37	:	

Mass and balance	Mass [lbs]	Arm [in]	Moment [in lbs]
Dry+Empty (2020-04-01)	1974		75174
Front	330	37	12210
Rear #1	352	74	26048
Luggage #1	11	97	1067
Luggage #2	0	116	0
Luggage #3	0	129	0
Unusable #1=2USG	11.99	46.5	557.535
Unusable #2=2USG	11.99	46.5	557.535
0-fuel	2690.98 MLDGW=2950	min=40.9	
		42.964	115614.07
		max=46	
Fuel #1=37+2USG	221.83	46.5	10315.095
Fuel #2	0	46.5	0
T-off	2912.81 max=3100	min=40.9	
		43.233	125929.165
		max=46	

1 USG = 3.785 l
1 Imp.G = 4.55 l
1 l Avgas = 0.72 kg
1 USG Avgas = 6 lbs