

	Notre dernier vol							C182S		TAS [kts]		VAR: 3°E	
								HB—TDR		120 (90)			
Waypoint	TC	MC	Dist.	Altitude	EET	Wind		MH	GS	EET	ETO	ATO	Notes
LSGE													
Broc		VAC	9		⊙ 6+5								
Jaunpass	094	091	10	6000	⊙ 7								
Eiger	092	089	28		⊙ 19								
7 Haengste	332	329	15	7000	8								
Thun	258	255	9		5								DCT LSZB MC300 17NM=9min
Morat	299	296	24	5000	12								
Neuchatel	299	296	8	3000	4								DCT Erlach MC290 18NM=9min
LSGN	241	238	11	3500	6+5								(4NM)
			114		77								
Chasseral		VAC	13		⊙ 9+5								
ZG W		V	17	3000	9								
Morat	160	157	16	3000	8								
LSGE	189	186	11	4000	6+5								
			57		42								
Circuit		V	30		15+5								
LSGT		VAC	25		13+5								
			55		38								

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 :59	26	:	
Alternate:	0 :38	9	:	
Reserve:	0 :45	10	:	
Unusable:		4	:	
Minimum fuel:		49	:	
Extra +5%:		3	:	
Ramp fuel:		52	:	

Fuel	Unusable	Usable	Total
Tank #1	2 USG	44 USG	46 USG
Tank #2	2 USG	8 USG	10 USG

Mass and balance	Mass [lbs]	Arm [in]	Moment [in lbs]
Dry+Empty (2020-04-01)	1974		75174
Front	264	37	9768
Rear #1	220	74	16280
Luggage #1	22	97	2134
Luggage #2	0	116	0
Luggage #3	0	129	0
Unusable fuel #1=2USG	11.99	46.5	557.535
Unusable fuel #2=2USG	11.99	46.5	557.535
ZeroFuel		min=40.9	
	2503.98	41.722	104471.07
	MLdgW=2950	max=46	
Fuel #1=44USG	263.8	46.5	12266.7
Fuel #2=8USG	47.964	46.5	2230.326
TakeOff		min=40.9	
	2815.744	42.251	118968.096
	MTOW=3100	max=46	

1 USG = 3.785 *l*

1 *l* Avgas = 0.72 *kg*

1 Imp.G = 4.55 *l*

1 USG Avgas = 6 lbs