

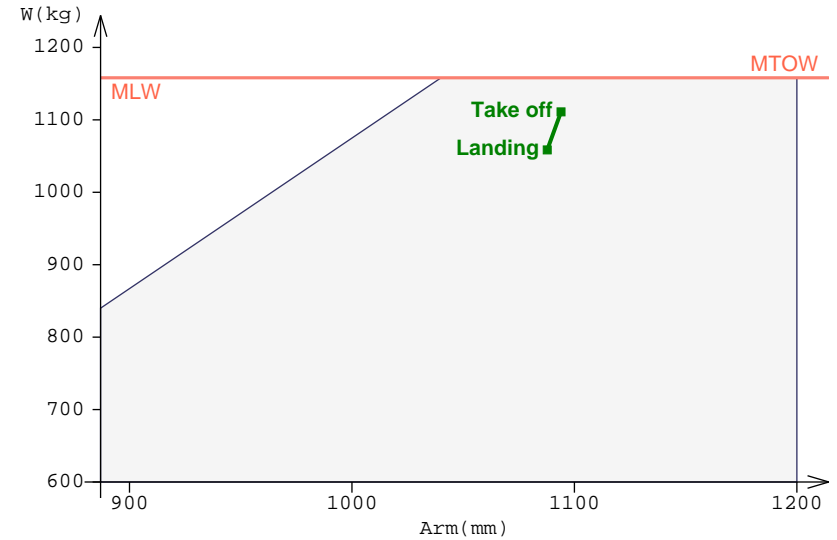
Pre flight fuel & balance checks

Flight folder parameters

Created on 09/03/2017 16:16:46 UTC
Units kt, nm, ft
Plane F-HAFP (Cessna C172 SP, 9.5 Gal/h.)
 Cruise 110 kt, climb. 500 ft/mn 80 kt, desc. 500 ft/mn 125 kt
Planned take off 11/03/2017 15:00 (UTC +01)
Weather forecast cycle / time 09/03/2017 06:00 UTC / 11/03/2017 06:00 UTC
Fixed times Taxi 5 mn. - Approach 7 mn. - Margin 20 mn. - Reserves 30 mn.
Navigation MONTPELLIER - GAP
Alternate airport LFNH - CARPENTRAS (388 ft.)

Navigation calculation

From / To	Cruise	Alt. over	Distance	NWETE	Wind	ETE
LFMT → LFMT/NC	5500ft		3 nm	2'30		2'30
LFMT/NC → LFTW/AS	5500ft		10 nm	7'30	↓3 kt	7'30
LFTW/AS → LFTW	5500ft		10 nm	5'30		5'30
LFTW → LFMV	5500ft		23 nm	12'30	↓2 kt	12'30
LFMV → Villes-sur-Auzon	5500ft		17 nm	9'30	↓4 kt	9'30
Villes-sur-Auzon → Montbrun	5500ft		11 nm	6'00	↓4 kt	6'30
Montbrun → Laragne	5500ft		19 nm	10'00	↑1 kt	10'00
Laragne → LFNA/S	5500ft	4800ft	6 nm	3'30	↑1 kt	3'30
LFNA/S → LFNA/S1	5500ft	3800ft	4 nm	2'00		2'00
LFNA/S1 → LFNA	5500ft	3300ft	2 nm	1'00	↑2 kt	1'00
Flight to destination			105 nm			1h00



Weight and balance calculation results

- Weight 1111 kg, arm 1094 mm when taking off
- Weight 1058 kg, arm 1088 mm when landing

Flight status

This flight folder is PART-NCO compliant

Plane loads

Load	Weight	Fuel	Unus.
Pilot #1	86 kg		
Pilot #2	75 kg		
Passenger #1	80 kg		
Passenger #2	0 kg		
Fuel		40.0 Gal	3.0 Gal
Luggage	0 kg		
Luggage #2	0 kg		

Fuel planning

Item	Distance	Time	Fuel
Taxi		0h05	0.8 Gal
Flight to LFNA	105 nm	1h00	9.6 Gal
Security margin		0h20	3.2 Gal
Approach		0h07	1.1 Gal
Minimum fuel to LFNA			14.6 Gal
Flight to LFNH	48 nm	0h26	4.1 Gal
Approach (LFNH)		0h07	1.1 Gal
Minimum fuel to LFNH ((ALTERN))			19.9 Gal
Final reserve		0h30	4.8 Gal
Minimum regulatory fuel			24.6 Gal