

# FLIGHT FOLDER

## Report

List of documents :

Flight crew  
Flight aim  
Top Sheet  
Comments

## Ordre d'essai / Flight crew

Plan de vol	D. Duchanoy
CdB	D. Duchanoy
Copilote	C.Lendroit
Occupant jump seat	K.Salaun
Expé principal SAFIRE	M.Cluzeau
Expé SAFIRE	T.Jiang
PI	P.E. Brilouet
Expés instruments	P.Coutris, C. Caudoux
Expés instruments	F. Aemersigger, J.Totems
Expés instruments	K.-A.Caesar

Heure de décollage  
Take-off time

13 :14 :38

Durée du vol  
flight duration

4.5

### Objectif du vol/Flight aim

EUREC4A

### Profil du vol / Flight Pattern

Flight with first leg FL80,  
two rectangles starting at Entry Point at cloud base level (2800 ft QNH), and four L  
first at 2000ft QNH, second at 1000 ft, QNH third at 500ft QNH and fourth at 200ft  
QNH.Last level at FL80

Report Writer : M. Cluzeau

### Departure parameters

Leaving apron : 13:08:41  
Take-off : 13:14:38  
Landing : 17:37:00

QNH : 1015 hPa  
wind : 90° 17kt ; T : 28°C ; Td : 21°C  
cloud 1600ft visi > 10 km

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
1	65	12:21:22	44482.960	ground	TERPS reading 1009,79 hPa (door open)cor =hpa.
2	163	12:23:01	44581.960	ground	Time 12:23:01
3	1275	12:41:33	45693.960	ground	QNH = 1015 hpa
4	2903	13:08:41	47321.960	ground	Leaving apron
5	3260	13:14:38	47678.960	↗	Take-off (rotation) RWY09.
6	3290	13:15:08	47708.960	↗	Radome holes vent

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
7	3307	13:15:25	47725.960	↗	GERBER degivrage
8	3618	13:20:36	48036.960	↗	Under the cloud layer
9	3848	13:24:26	48266.960	FL80	steady
10	4596	13:36:54	49014.960	↘	Passing Entry point and turn and descending
11	4932	13:42:30	49350.960	2800ft QNH	Steady 2800ft QNH passing Entry point and QNH 1020 Beginning of 1 <sup>st</sup> rectangle
12	5067	13:44:45	49485.960	2800ft QNH	Entry QNH 1020 in computer
13	5614	13:53:52	50032.960	id.	Arriving at EUR2 turning to EUR3
14	5767	13:56:25	50185.960	id.	Arriving at EUR3 turning to EUR4
15	7010	14:17:08	51428.960	id.	Arriving at EUR4 turning to EUR5
16	7145	14:19:23	51563.960	id.	Arriving at EUR5 turning to EUR1
17	7792	14:30:10	52210.960	id.	Arriving at EUR1 turning to EUR2 Beginning of 2nd rectangle end of 1 <sup>st</sup> rectangle , beginning of 2 <sup>nd</sup> rectangle
18	8514	14:42:12	52932.960	Id	Middle between E2 and E3
19	8593	14:43:31	53011.960	id.	Arriving at EUR3 turning to EUR4
20	9820	15:03:58	54238.960	id	Arriving at EUR4 turning to EUR5
21	9917	15:05:35	54335.960	id	In a cloud
22	9959	15:06:17	54377.960	id	Arriving at EUR5 turning to EUR1
23	10622	15:17:20	55040.960	id	Arriving at EUR1 turning
24	10847	15:21:05	55265.960	id	Passing E1, steady 2000ft QNH to E6 beginning of L1
25	11615	15:33:53	56033.960	id	Arriving at EUR6 turning to EUR7
26	12191	15:43:29	56609.960	↘	Arriving at EUR7 end of 1 <sup>st</sup> L Uturn descending to 1000ft qnh .
27	12447	15:47:45	56865.960	1000ft QNH.	passing EUR7 to E6 steady 1000ft QNH beginning of L2
28	12689	15:51:47	57107.960	id.	Lght rain
29	13080	15:58:18	57498.960	id.	Arriving at EUR6 turning to EUR1
30	13721	16:08:59	58139.960	↘	Passing E1 End of L2 Uturn descending to 500ft QNH
31	13978	16:13:16	58396.960	↘	QNH 1017 steady 500ft QNH passing E1 to E6 beginning L3
32	14772	16:26:30	59190.960	500ft QNH	Arriving at EUR6 turning to EUR7

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
33	15362	16:36:20	59780.960	id	Rain passing E7 end of L3. Uturn
34	15632	16:40:50	60050.960	id	Passing E7 to E6 beginning of L4
35	15661	16:41:19	60079.960	↘	descending to 200ft QNH
36	15766	16:43:04	60184.960	↘	QNH 1015 Steady 200ft QNH
37	16269	16:51:27	60687.960	id	Arriving E6 turning to E1
38	16928	17:02:26	61346.960	↗	Passing E1, end of L4, climbing
39	17144	17:06:02	61562.960	4000ft QNH	Steady 4000ft and continuing climbing
40	17284	17:08:22	61702.960	5000ft QNH	Steady 5000ft QNH, high of the cloud layer QNH 1015
41	17899	17:18:37	62317.960	↗	climbing
42	17954	17:19:32	62372.960	FL80	Steady FL80
43	18478	17:28:16	62896.960	↘	Begining of descend
44	18895	17:35:13	63313.960	↘	Entering in the cloud layer
45	19002	17:37:00	63420.960	↘	Landig
				ground	Parking

Comments :

1 <sup>st</sup> rectangle	2nd L
2 <sup>nd</sup> rectangle	3rd L
1st L	4 <sup>th</sup> L