

FLIGHT FOLDER

Report

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Flight aim
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Comments

Ordre d'essai / Flight crew

Plan de vol	D. Duchanoy
CdB	D. Duchanoy
Copilote	C.Lendroit
Occupant jump seat	
Expé principal SAFIRE	M.Cluzeau
Expé SAFIRE	T.Jiang
PI	C.Flamant
Expés instruments	P.Coutris, J.Delanoë
Expés instruments	F.Ewald, A.Fix
Expés instruments	G. Cato

Heure de décollage
Take-off time

05:55:43

Durée du vol
flight duration

4.6

Objectif du vol/Flight aim

EUREC4A

Profil du vol / Flight Pattern

Flight with first leg FL80,
three rectangles (start at the opposite of Entry Point) One at cloud base level (5900 ft QNH), 2 at cloud base 2300ft QNH. One L at 1890ft QNH and one at 890 ft QNH

Report Writer : M. Cluzeau

Departure parameters

Leaving apron :	QNH : 1017 hPa
Take-off : 05:55:43	wind : 90° 21kt ; T : 25°C ; Td : 22°C
Landing : 10:21:31	cloud 1800ft , cloud 3400 visi > 10 km , rain

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
1	2156	05:32:18	19938.200	ground	TERPS reading 1011,11 hPa (door open) cor =hpa.
2	2219	05:33:21	20001.200	ground	Time 05:33:21
3	2549	05:38:51	20331.200	ground	QNH = 1017 hpa
4	3279	05:51:01	21061.200	ground	Leaving apron
5	3561	05:55:43	21343.200	✈	Take-off (rotation) RWY09.
6	3590	05:56:12	21372.200	□	Radome holes vent

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
7	3610	05:56:32	21392.200	□	GERBER degivrage
8	4098	06:04:40	21880.200	↗FL80	steady
9	4120	06:05:02	21902.200	FL80	null
10	4866	06:17:28	22648.200	id	Passing Entry point light turbulences rain
11	5058	06:20:40	22840.200	id	Beginig of turn left and descending
12	5302	06:24:44	23084.200	1800m QNH	Aligned to south to point E4
13	5355	06:25:37	23137.200	id.	Light turbulences
14	5972	06:35:54	23754.200	id.	E4 turning to E5
15	6114	06:38:16	23896.200	id.	Arriving at EUR5 turning to EUR1
16	6725	06:48:27	24507.200	id.	Arriving at EUR1 turning to EUR2 light turbulences
17	7348	06:58:50	25130.200	id.	Arriving at EUR2 turning to EUR3
18	7495	07:01:17	25277.200	Id	Arriving at EUR3 turning to EUR4
19	7655	07:03:57	25437.200	id.	Light turbulences
20	8010	07:09:52	25792.200	↘	Begining of descent
21	8083	07:11:05	25865.200	↘	Begining of 2nd rectangle
22	8213	07:13:15	25995.200	↘2200 QNH	steady
23	8314	07:14:56	26096.200	id	Begining of slow climbing
24	8388	07:16:10	26170.200	2300ft QNH	steady
25	8768	07:22:30	26550.200	id.	Middle between E4 and E5
26	8827	07:23:29	26609.200	id.	Arriving at EUR5 turning to EUR1 .
27	9481	07:34:23	27263.200	id.	Arriving at EUR1 to E2
28	10122	07:45:04	27904.200	id.	Arriving at EUR2 turning to EUR3
29	10292	07:47:54	28074.200	id.	Arriving at EUR3 turning to EUR4
30	10904	07:58:06	28686.200	id.	End of 2nd rectangle and begining of rectagle 3
31	11524	08:08:26	29306.200	id.	Arriving at EUR4 turning to EUR5
32	11659	08:10:41	29441.200	id.	Arriving at EUR5 turning to EUR1
33	12969	08:32:31	30751.200	id.	Arriving at EUR2 turning to EUR3
34	13143	08:35:25	30925.200	id	Arriving at EUR3 turning to EUR4



Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
35	13768	08:45:50	31550.200	id.	End of 3rd rectangle begining of turn to E1
36	13924	08:48:26	31706.200	↘	Begining of descent
37	14038	08:50:20	31820.200	1890ft QNH	Steady in altitude
38	14175	08:52:37	31957.200	id	Passing E1, on the leg, begining the L to E6
39	14958	09:05:40	32740.200	id	Arriving E6 turn to E7
40	15544	09:15:26	33326.200	2470ft QNH	Arriving E7, continuing on the leg
41	15835	09:20:17	33617.200	↘□	End of leg and beginning of U turn and descending
42	16101	09:24:43	33883.200	890ft QNH	Steady 890ft qnh and on the leg to E7
43	16379	09:29:21	34161.200	id	Arriving E7 to E6
44	16983	09:39:25	34765.200	id	passing E6 to E1
45	17608	09:49:50	35390.200	↗	Arriving E1, end of L, begining of climbing
46	18179	09:59:21	35961.200	↗	Out of the top of the clouds
47	18266	10:00:48	36048.200	↗FL140	Steady FL 140
48	18817	10:09:59	36599.200	↘	Begining of descent
49	18914	10:11:36	36696.200	↘	Entering in the cloud layer
50	19509	10:21:31	37291.200	↘	Landig
51	19652	10:23:54	37434.200	Ground	Parking

Comments :

Hum aero saturée depuis début du vol. Démontage et nettoyage du KH20

1 st rectangle	3 rd rectangle
2 nd rectangle	1 st L
2 nd L	