

FLIGHT FOLDER

Report

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Ordre d'essai / Flight crew

Plan de vol	D. Duchanoy
CdB	D. Duchanoy
Copilote	C.Lendroit
Occupant jump seat	T Andre
Expé principal SAFIRE	H.Bellec
Expé SAFIRE	G.Vergez
PI	C Flamant/S Bony
Expés instruments	A Schwarzenboech /
Expés instruments	J Delanoe
Expés instruments	L Villiger /S Small

Heure de décollage
Take-off time

07:35:34

Durée du vol
flight duration

4.4

Objectif du vol/Flight aim

EUREC4A

Profil du vol / Flight Pattern

Flight with first leg FL100, and 2100m
1/2 rectangle (start at Entry Point) juste above cloud layer at 2160 m and 3 rectangles
at cloud base level (790 m ABSL and at the end at 855 m),
two "L" pattern at levels 600m and 300 m ASL,
1legs at 200 ft QNH and one at FL100.



vol ATR F-HMTO n° 19 13 february 2020

Top sheet
Report Writer : H.Bellec

Departure parameters

Leaving apron : 07:33:52	QNH : 1016 hPa
Take-off : 07:35:34	wind : 90° 22kt ; T : 26°C ; Td : 22°C
Landing : 11:51:59 :	Sct 1400ft ovc 3400 RASH , visi > 10 km

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
1	9	07:09:16	25756.520	ground	TERPS reading 1008,74 hPa (door open) cor =1008,67hpa.
				"	QNH = 1016 hpa
2	1485	07:33:52	27232.520	id.	Leaving apron
3	1587	07:35:34	27334.520	ground ↗	Take-off (rotation) RWY09.wind 090°22kt
4	1638	07:36:25	27385.520	ground ↗	Radome holes vent
5	2301	07:47:28	28048.520	↗ FL100	Stable FL100
6	2398	07:49:05	28145.520	↘	descent
7	2645	07:53:12	28392.520	↘ 2160m	<i>Just above the top of the cloud</i>
8	2884	07:57:11	28631.520	id.	At EP, turn north to EUR2, top of Cu.
9	3488	08:07:15	29235.520	id.	Arriving at EUR2 turning to EUR3,above few clouds.
10	3631	08:09:38	29378.520	id.	Arriving at EUR3 turning to EUR4
11	4185	08:18:52	29932.520	↘	Descent at the middle of the leg
12	4271	08:20:18	30018.520	↘ 1850m	Stable in stratiform layer, but some turb
13	4508	08:24:15	30255.520	id.	End of turbulence
14	4799	08:29:06	30546.520	id.	Arriving at EUR4 turning to EUR5, in a rainy cell, light turb.
15	4935	08:31:22	30682.520	id.	Arriving at EUR5 turning to EP.
16	5559	08:41:46	31306.520	↘	Descent and turn at Entry Point.
17	5793	08:45:40	31540.520	↘ 790m	2nd Rectangle , EP to Eur2, at the level of cloud bases...
18	6473	08:57:00	32220.520	id.	Arriving at EUR2 turning to EUR3
19	6640	08:59:47	32387.520	id.	Arriving at EUR3 turning to EUR4
20	7890	09:20:37	33637.520	id	Arriving at EUR4 turning to EUR5
21	8034	09:23:01	33781.520	id	Arriving at EUR5 turning to EP
22	8715	09:34:22	34462.520	id.	EP, start of the 3 rd rectangle

Top	Data	Time	Seconds	Alt (alt_qnh in ft)	Comments
23	9044	09:39:51	34791.520	id.	It's raining.
24	9367	09:45:14	35114.520	id.	Arriving at EUR turning to EUR3
25	9503	09:47:30	35250.520	id.	Arriving at EUR3 to EUR4,in the base of Cu.
26	10251	09:59:58	35998.520	↗↗	Climb 30 m
27	10302	10:00:49	36049.520	↗855 m	New adjustment at 855 m, QNH = 1019 hPa
28	10745	10:08:12	36492.520	id.	Arriving at EUR4 turning to EUR5.
29	10874	10:10:21	36621.520	id.	Arriving at EUR5 turning to EP.
30	11556	10:21:43	37303.520	↘	Arriving at EP, end of rectangles, turn and descent.
31	11738	10:24:45	37485.520	↘600 m	Start of the 1st leg of L1.(W-E).
32	12533	10:38:00	38280.520	id.	EUR6; Start of the 2nd leg of L1.(N-S). In nothing
33	13155	10:48:22	38902.520	↘	End of L1, turn and descent.
		10:53:20		300m	Start of L2, 1 st leg (S-N). Clear sky.
34	14059	11:03:26	39806.520	Id.	2 nd Leg of L2 (E-W).Deep clear.
35	14706	11:14:13	40453.520	desc	End of L2 at EP, turn and descent.
36	14826	11:16:13	40573.520	200 ft/60m	start surf leg at 200ft
37	15157	11:21:44	40904.520	id.	It's raining.
38	15280	11:23:47	41027.520	climb	End of surf leg, climb.
39	15623	11:29:30	41370.520	FL070	Stable atb FL070, just above cloud layer.
40	16219	11:39:26	41966.520	Id.	End of the high level leg,, turn and descent
41	16509	11:44:16	42256.520	900 m	Crossing cloud layer.
42	16972	11:51:59	42719.520	↘ground	Landing runway 09
43	17145	11:54:52	42892.520	ground	Parking.

Comments :

Plantage des convertisseurs 230v.

1 st ½ rectangle	1 st "L" pattern
2 nd 1/2 rectangle	2 nd "L" pattern
2nd rectangle	Surf leg
3 rd rectangle	FL070