	longitude	latitude	longitude	latitude	True Track	Ground Dist.	Wind	temperature	ISA	air distance	Time interval	Total Time	mach	TAS	Ground speed	True Track	Declination	Magnetic Track	fuel	BTO MH370 µs	Calculed BTO µs	BTO difference µs	BFO MH370 Hz	Calculed BFO Hz	BFO difference Hz		
18h28:06 Arc1Boeing	95°44'48.48"E	6°50'54.00"N	95,746800	6,848333	232											232			33.5t	12500	12460	40	144	144	0		
						102	(047°/7)	-30	15	101	11'52"	11'52"	0,850	510	517												
18h40'	94°29'33.85"E	5°45'21.42"N	94,492736	5,755951	187								0,706			187	-1		32,4t	N/A	11870		88	88	0		
					187	442	(086/17); 2.9	-30	15	437	1h01'05"	1h13'		431	434	187	-1	188									
19h41' arc2	93°31'44.67"E	1°34'36.93"S	93,529076	-1,576924									0,706			186			26,5t	11500	11485	15	111	108	3		
					186	435	(073/11); 4.4	-30	14	429	1h00'02"	2h13'		430	434	186	-2	188									
20h41' arc3	92°42'10.15"E	8°48'36.32"S	92,702819	-8,810090									0,706			184			20,8t	11740	11769	-29	141	145	-4		
					184	434	(088/11); 1.0	-30	14	428	1h00'22"	3h13'		430	431	184	-4	188									
21h41' arc4	92°13'44.10"E	16°03'23.52"S	92,228918	-16,056532									0,706			182			15,1t	12780	12770	10	168	172	-4		
					179	425	(250/5); -1.5	-33	12	426	0h59'55"	4h13'		427	426	179	-8	187									
22h41 arc5	92°24'48.74"E	23°09'49.89"S	92,413540	-23,163857									0,706			178	-9		9,3t	14540	14499	41	204	205	-1		
					178	635	(268/38); 0	-36	9	641	1h29'38"	5h43'		425	425	178	-15	192									
00h11' arc6	92°57'05.45"E	33°45'52.84"S	92,951513	-33,764679			252/34	-39	5				0,706				-19		0,8t	18040	17994	46	252	252	0		
FL195					178	59	248/25 -9.2	-40	5	60,5	8'29"		0,700	421	412	178	-21										
00h19'29" arc7	92°59'33.61"E	34°45'23.97"S	92,992670	-34,756659				-41	4			5h51'21"	0,670	420	403		-21	199	0,2t	18400	18373	27	182	186	-4	RoD = -4150fpm	
					178		245/34							411	396	178	-21										
00h19'38"	92°59'38.89"E	34°46'23.95"S	92,994136	-34,773320					4			5h51'32"	0,650	404	390				0,2t	18410	18380	30	-2	-2	0	RoD = -14700fpm	
																						19,9	average		-1,2	average	
TOTAL en route since 18h28'06"						2532 Nm ground ==> arc 7				2522 Nm air		5h51'32"	average TAS	431								25,2	Standard Dev		2,6	Standard Dev	
18h40' 1st Phone call	94°29'33.85"E	5°45'21.42"N	94,492736	5,755951																N/A	11870		88	88	0		
23h14' 2nd Phone call	92°41'19.65"E	27°01'10.08"S	92,688793	-27,019467																N/A	15680		217	224	-7		
Scenario 1																											
Crash MINI	93°01'00.54"E	35°40'00.51"S	93,0316	-35,6807																							
Crash MAXI	93°02'00.22"E	35°52'00.31"N	93,0394	35,8753	*																						
Scenario 2						Nullschool Sea Surface Level wind :	215/16																				
Crash MINI	93°01'00.31"E	35°31'00.05"S	93,0254	-35,5179	*																						
Crash MAXI	93°02'00.03"E	35°44'00.51"S	93,0342	-35,7474																							
Zone de recherche proposée 1:																											
Point NE	93°11'09.66"E	35°22'49.58"S	93,186018	-35,38044																							
Point NW	92°53'23.42"E	35°37'16.61"S	92,889839	-35,621281																							
Poinr SW	92°53'28.48"E	35°53'40.31"S	92,891245	-35,89453																							
Point SE	93°11'11.54"E	35°53'37.08"S	93,186538	-35,893632																							
Zone de recherche proposée 2:																											
Point NE	93°26'31.26"E	35°10'32.04"S	93,442017	-35,175568																							
Point NW	92°38'35.73"E	35°48'48.37"S	92,643258	-35,813436																							
Poinr SW	92°38'44.21"E	35°53'57.35"S	92,645613	-35,899265																							
Point SE	93°26'46.84"E	35°54'01.69"S	93,446344	-35,900469																							

ARCS	longitude	latitude	longitude	latitude	Flight Level	vario	True Track	Ground Dist.	Wind	temperature	ISA	air distance	Time interval	Total Time	mach	TAS	Ground speed	APU/kg	consumption/kg	fuel	BTO MH370 µs	Calculed BTO µs	BTO difference µs	BFO MH370 Hz	Calculed BFO Hz	BFO difference Hz			
00h11' arc 6	92°57'05.45"E	33°45'52.84"S	92,9515	-33,7647	FL 300	0,0000	178	7	251/33	-39	6	7,1	1'	1'	0,706	422	413		88	0,8T	18040	17994	46	252	252	0			
					FL 290	-1000,0000	178	7	250/33	-39	6	7,1	1'	2'	0,706	422	413		71	0,7T									
					FL280	-1000,0000	178	7	249/33	-36	5	7,1	1'	3'	0,706	422	411		71	0,6T									
					FL 270	-1000,0000	178	7,1	248/34	-33	6	7,1	1'	4'	0,706	424	413		71	0,5T									
					FL 260	-1000,0000	178	7,1	247/34	-30	7	7,1	1'	5'	0,706	427	414		71	0,5T									
					FL 250	-1000,0000	178	7,1	246/34	-28	7	7,1	1'	6'	0,706	429	416		71	0,4T									
					FL 240	-1000,0000	178	7,1	245/35	-25	8	7,1	1'	7'	0,705	431	417		71	0,3T									
							178	3,4				3,6	30"	7'30"				7	71	0,3T									
					FL235		178				8							7	71	0,2T									
					FL 230	-1000,0000	178		244/35	-23	8				0,705	434	419	7	0	0,1T									
					FL 220		178			-21	8							7	0										
					FL 210	-4000,0000	178	5,9		-18	9	7,2	1'					7	0										
					FL 200	-4000,0000	178			-16	9				0,674	420	403	7	0										
00h19'30"arc 7	92°59'33.61"E	34°45'23.97"S	92,9927	-34,7567	FL 195	-4000,0000	178		245/35	-15	9			8'29"	0,668	417	401	7	0	0,1T	18400	18373	27	182	186	-4	RoD = -4150fpm		
00h19'38"	92°59'38.89"E	34°46'23.95"S	92,994136	-34,77332	FL193		178		245/35	-14	9		9"	8'38"	0,646	404	390	7	0		18410	18380	30	-2	-2	0	RoD = -14700fpm		
					FL180		178		245/34	-12	9																		
					FL100		178		229/23	3	9																		
					FL50		178		210/22	9	4																		
					FL0		178		220/20	20	5																		
total arc 6 =>arc 7							178	58,8				60,5		1,01		MOY 427	MOY 415												
							178																						
								58,7																					
Version 1																													
arc 7 => crash mini	93°01'53.77"E	35°40'50.53"S	93,031604	-35,680702	FL 100 MOY		178	55 (ex 45)	235/25		8		8'50''		0,49	320 MOY	306 MOY	VZ=2200ft/min											
arc 7 => crash maxi	93°02'21.87"E	35°52'31.11"N	93,039409	35,875307	FL 100 MOY	*	178	67	235/25		8		17'		0,38	250 MOY	236 MOY	VZ=1150ft/min											
Version 2							From Arc7+9	66,98133333																					
arc 7 => crash mini	93°01'31.36"E	35°31'04.55"S	93,025378	-35,517930	FL 78 MOY	*	178	45.7 (ex 41)	235/25		8		7'		0,48	310 MOY	296 MOY	VZ=2200ft/min											
arc 7 => crash maxi	93°02'03.24"E	35°44'50.66"S	93,034233	-35,747406	FL 78 MOY		178	59 (ex 57)	235/25		8		13'30''		0,37	240 MOY	226 MOY	VZ=1150ft/min											