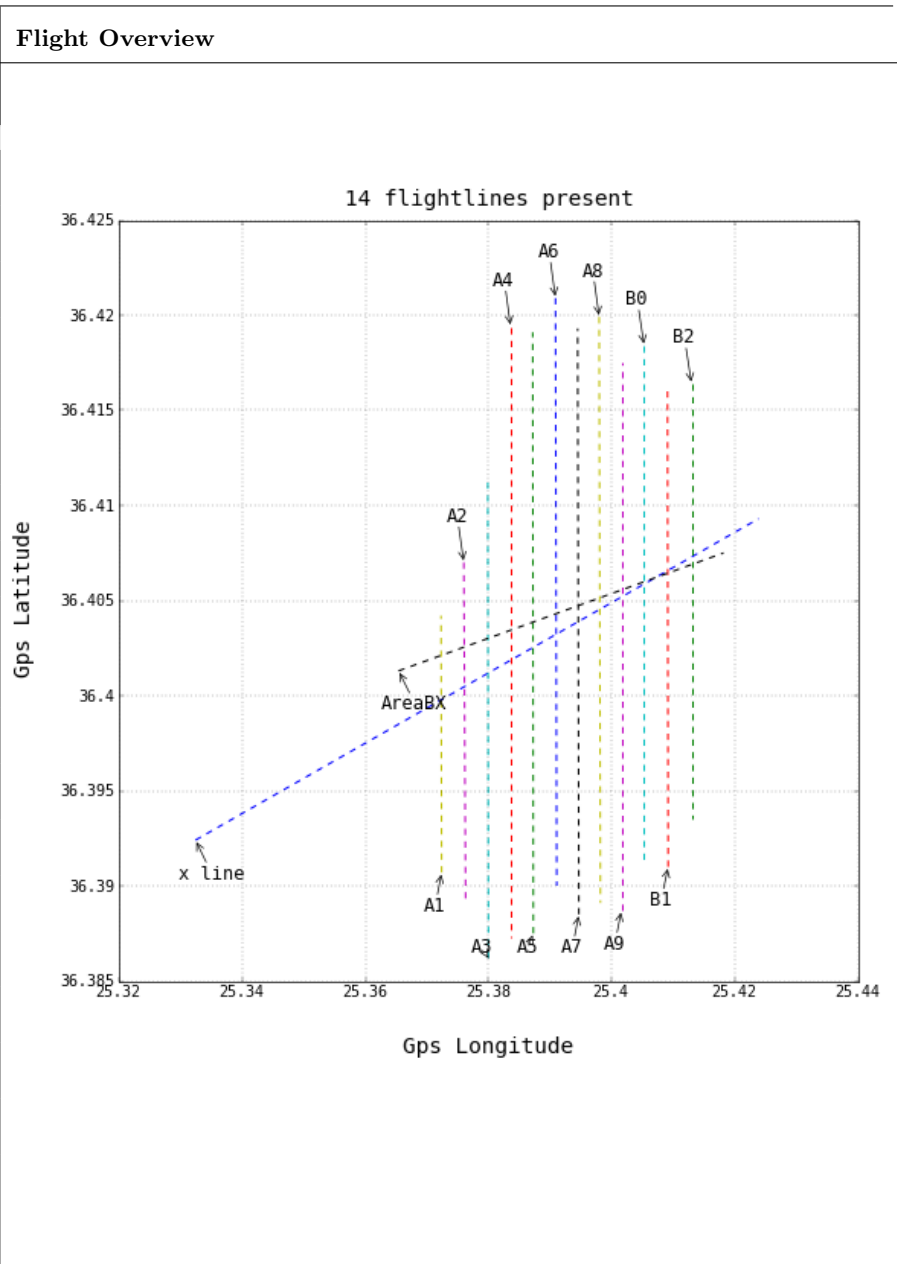


Project Information					
Project Code	EU12/12				
Project Name	Santorini				
Principal Investigator	David Pyle				
Do-228	D-CALM				
Pilot	Carl Joseph	Co Pilot	David Davies		
Operator	Phil Goy	Observer	Greek Military		
Date	16/05/12	Day	137	Sortie	
Take off	9:22	Land	10:47	Total	01:25
Base	Thira	Log			

Acquisition Details and Site Conditions													
Acquisition Complete													
LIDAR		X	EAGLE		X		HAWK		X				
THERMAL				AIMMS		X		GRIMM					
APPLANIX				IPAS I				IPAS II					
RCD		X		MPIA				SPIA					
App		Stereo		QNH (mb)		OAT deg		Cloud %	0	Illumination %	100		
FOV	24	Scan F(Hz)	58	FCMS		ALS (G)		Laser %		Shadow %	0		
Base Station		PI own		Wave		PRF							
Data quality		8		Weather		<71 degrees, poor reflective index <72 degrees							
Engine Chock Time													
On		9:07		Align In		9:34		Science hours		1:07	Ground speed	135	
Off				Align Out		10:34		Transit hours		0:18	Altitude ft		3677
Eagle Section				Binning Values									
Recovery Hard Disk		A		Spectral		2	Spatial		1				
Hawk Section				Binning Values									
Recovery Hard Disk		C		Spectral		1	Spatial		1				

Basic Line Information				Time (GMT)			GPS (Lat,Lon) - WGS84		Flight Overview
Line ID	Dir	Alt (m)	Speed (knots)	Start	Stop	Time	Start	Stop	
x_line	075	2000	140	09:30	09:33	3:00	(36.3924,25.3324)	(36.4093,25.4239)	
B2	185	1167	135	09:49	09:50	00:37	(36.4164,25.4130)	(36.3935,25.4130)	
B1	352	1122	134	09:53	09:53	00:40	(36.3910,25.4092)	(36.4160,25.4091)	
B0	185	1129	135	09:56	09:57	00:43	(36.4184,25.4053)	(36.3914,25.4053)	
A9	354	1172	135	09:59	10:00	00:46	(36.3887,25.4016)	(36.4175,25.4016)	
A8	182	1136	138	10:03	10:04	00:48	(36.4199,25.3980)	(36.3891,25.3982)	
A7	352	1152	135	10:07	10:08	00:48	(36.3885,25.3947)	(36.4193,25.3945)	
A6	182	1131	134	10:11	10:12	00:49	(36.4209,25.3909)	(36.3900,25.3911)	
A5	356	1122	136	10:15	10:16	00:48	(36.3875,25.3873)	(36.4191,25.3872)	
A4	180	1127	135	10:19	10:20	00:51	(36.4194,25.3836)	(36.3873,25.3836)	
A3	352	1128	143	10:22	10:23	00:38	(36.3862,25.3800)	(36.4115,25.3799)	
A2	183	1126	136	10:26	10:27	00:28	(36.4070,25.3760)	(36.3891,25.3763)	
A1	350	1123	134	10:30	10:30	00:22	(36.3907,25.3724)	(36.4042,25.3723)	
AreaBX	078	2065	143	10:35	10:36	01:06	(36.4013,25.3654)	(36.4075,25.4182)	



Detailed Line Information						GPS Quality		Pulse	Frames	Eagle			Hawk			TABI	Disk ID	Notes
Line ID	PRF Khz	Laser %	Scan Hz	FOV deg	Return %	PDOP	SV	Mode		File	FPS	IT	File	FPS	IT	File		
x_line									0-4	1	30.0	12.0	1	30.0	15.0		Only Eagle and Hawk	
B2	94700	32	58.2	24.0	52.0	1.3	14	SPiA	5-14	2	30.0	12.0	2	30.0	15.0			
B1	94700	32	58.2	24.0	67.4	1.3	14	SPiA	16-24	3	30.0	12.0	3	30.0	15.0			
B0	94700	32	58.2	24.0	60.7	1.3	14	SPiA	26-36	4	30.0	15.0	4	30.0	16.0			
A9	94700	32	58.2	24.0	55.4	1.4	14	SPiA	38-49	5	30.0	15.0	5	30.0	18.0			
A8	94700	32	58.2	24.0	61.9	1.4	14	SPiA	51-63	6	30.0	18.0	6	30.0	20.0			
A7	94700	32	58.2	24.0	67.9	1.4	13	SPiA	65-77	7	30.0	18.0	7	30.0	20.0			
A6	94700	32	58.2	24.0	63.5	1.3	13	SPiA	79-91	8	30.0	18.0	8	30.0	20.0		Hawk sync error	
A5	94700	32	58.2	24.0	63.5	1.3	13	SPiA	93-105	9	30.0	18.0	9	30.0	20.0			
A4	94700	32	58.2	24.0	60.1	1.8	12	SPiA	107-120	10	30.0	18.0	10	30.0	20.0			
A3	94700	32	58.2	24.0	71.4	1.4	13	SPiA	122-130	11	30.0	18.0	11	30.0	20.0			
A2	94700	32	58.2	24.0	66.1	1.3	13	SPiA	132-138	12	30.0	18.0	12	30.0	20.0			
A1	94700	32	58.2	24.0	65.8	1.4	13	SPiA	140-144	13	30.0	18.0	13	30.0	20.0			
AreaBX	119000	80	55.7	24.0	44.0	2.2	11	MPiA	146-155	14	30.0	16.0	14	30.0	20.0		High res MPiA LiDAR	
General Notes		First line flown only Eagle and Hawk to check cloud cover during solar noon																