



Appendix A:

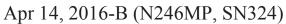
GPS/IMU Statistics, Flight Logs, and Base Station Logs

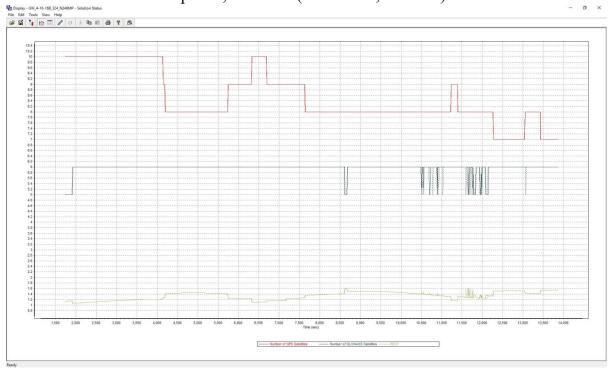
There were five total lifts. Graph reports generated from processing software, flight logs, and base station logs are found on the following pages.

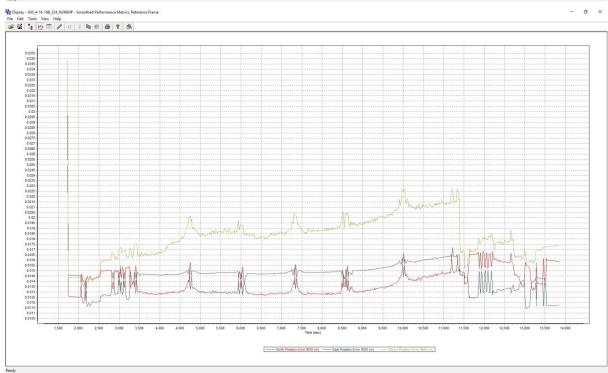
Apr 14, 2016-B (N246MP, SN324)	2
Apr 15, 2016-A (N246MP, SN324)	
Apr 15, 2016-B (N246MP, SN324)	
Apr 16, 2016-A (N246MP, SN324)	
Apr 16, 2016-B (N246MP, SN324)	











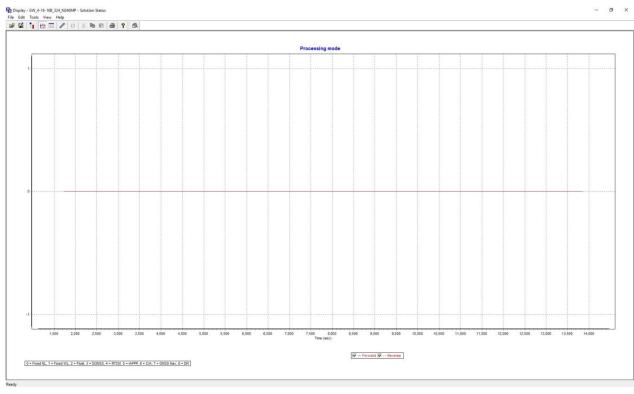


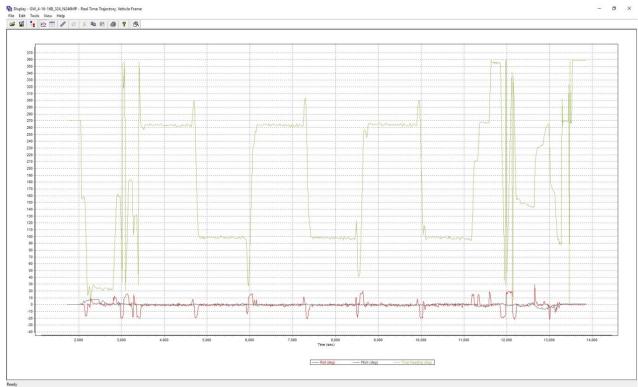






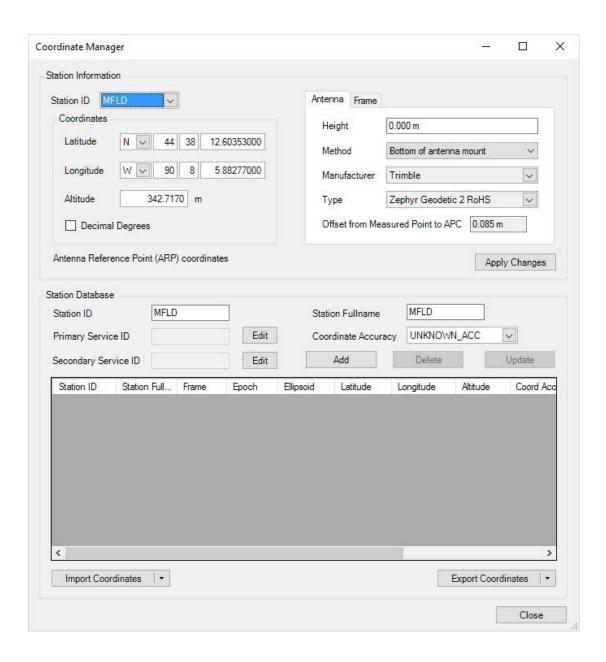












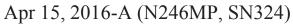


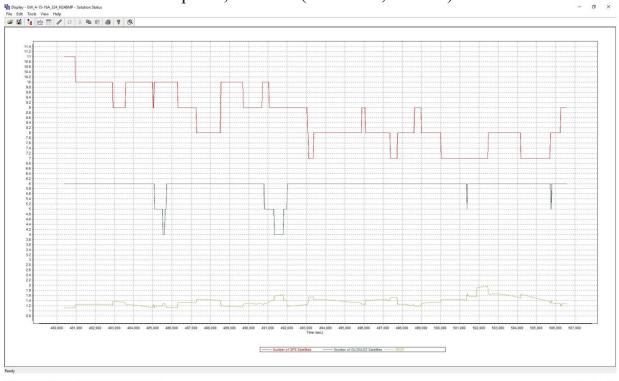


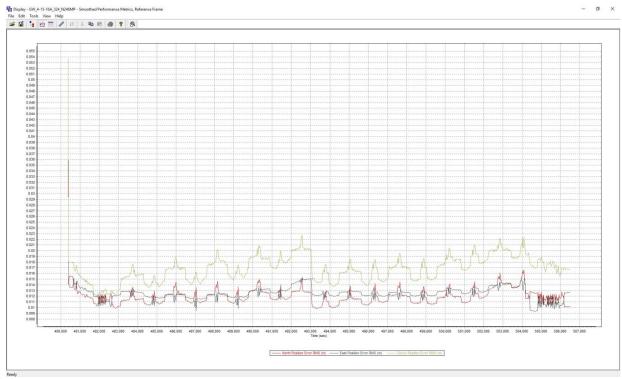
	とうして	Project W KOC - AYRES - 3DEP	3 DEF	•	Prol #: 2713	1212	Fugh	t Mgmt File:	1 604 1	4R / DURF	Flight Mgmt File: 2016-4 HR Lougher 3DEP To	1 July 17	3
Arcreft: 0246 MP	246 M	Begin Hobbs: 967.1	196 :00	_	Hobbe:	173.	End Hobber 973 Total: 6,0 Plot Con McDala Co-Plot	Not: Cary	Mc Dahab	Co-Pilot:	Tech:		
Dep Apt: 16TE		Dep Time (Ld): 20,47(Z): 3;4	Lal: 20,	TI	3:47	Arr Apt:	Arr Apt: KayE Arr Time (Local): 9:47 (Z):	me (Locat):	to the	4:20	02:47 Tot Time Aloft:	te 6.0 hrs	Pr. S
CORS: Y / N		# .	5	Sta	Sta 2: D	1000			ss: Sta1)		Sta2)		
Graunit: 1 / N	"		1) (Sta 2:)	22	3	1	If Y, times: Sta1)	ss: Sta1)		Sta2)	Storage	
Ga Lemp beg:		C End:	0	OAT beg:	0 4	C End:	c Altimeter begin:				8 3	Name	•
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Une # Hd	Hdg Start (VTC) End (VTC)	End (UTC):	Gd Spd	PDOP/+ Sate G	Gd Spd POOF/#Sats GPS Altitude Crab Turb	Turb (0)		FUGHT UNE	: NOTES - visib	FLIGHT LINE NOTES - visibility, clouds, smoke, partial, etc.	partial, etc.		
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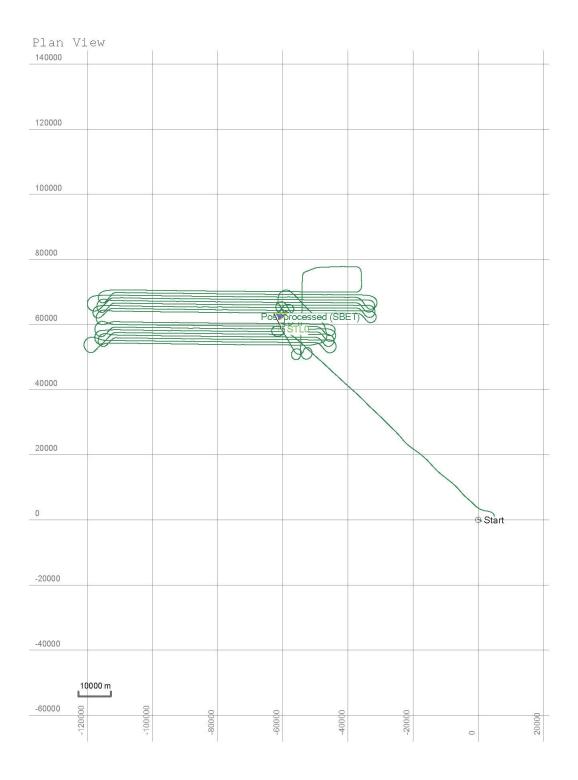






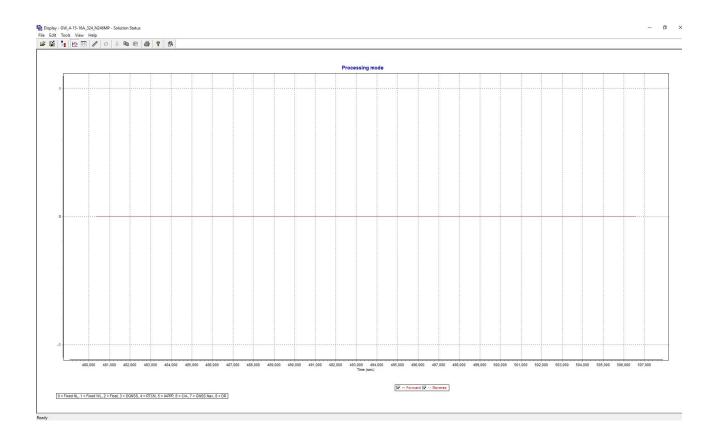






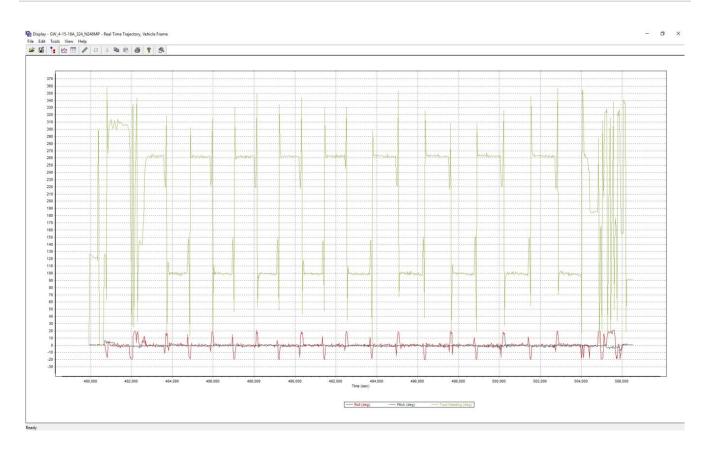


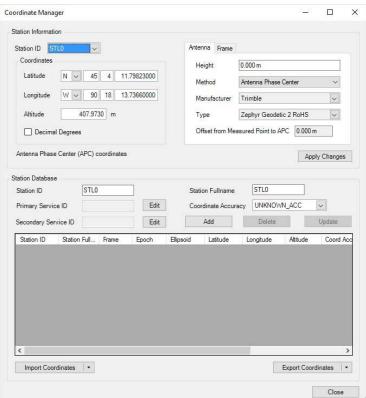












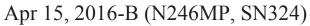


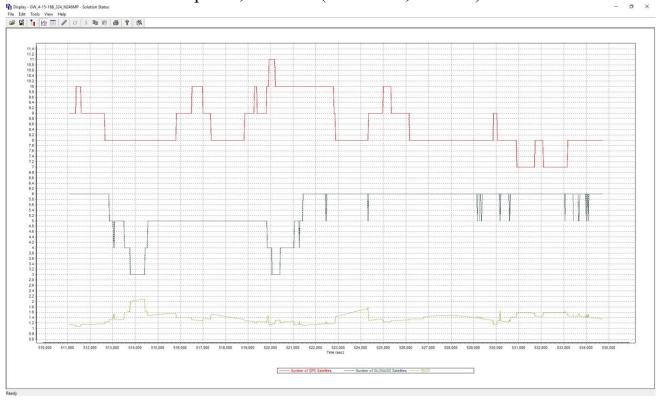


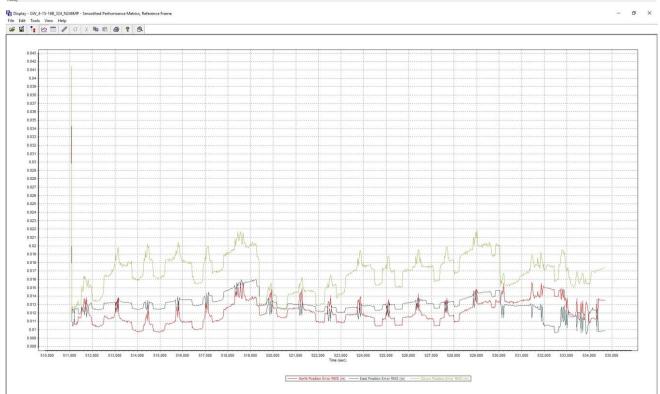
Date: 4/15/16		Tech: NELSON	Tot Time Aloft:	Sta2)	Sta2)	Beg Storage GB 12 4717 Namele	GB 7 2840C	100 13 64 C																			
	"Light Mgmt File: 20160415	PILOT: CHIRITS 7	Arr Apt: 人M D. Arr Time (Local): (Z):	Flyovers: (1) N If Y, times: Sta1) 35 262 Sta2)	Flyovers: Y / N If Y, times: Sta1) Si	°c Altimeter begin: 30.22 end: 30./5	Max 140 s	Power HIGH	FLIGHT LINE NOTES – visibility, clouds, smoke, partial, etc.	TWO TEST FIRES																	Online Time: O. Onces:
Data Collection Log Sheet :: Quantum Spatial, Inc	Proj #: 27/3	96	Dep Time (Lcl): 8:30 (Z): 13:30 Arr Apt	Sta 2:	Sta 2:	°c OAT beg: °c End:	AGE 5600 AIR 7000	Pulses In Air	d PDOP/#Sats GPS Altitude Crab Turb	ACT	15/2/	=	2 0201 BT 91	7	13/5 2010 7	12/6/200 8	1 200 2/	120508	17/6	1/2/2/	1000	1,010,010,01	15/2	12/2011	Til		Lines Remain: 50 Onlin
ne LiDAR	Project: TAYLOR CO.	MB		CORS: (1) N Sta 1: 57L0	GPS Unit: Y /(N) Sta 1: KMDZ	End: 19	TYPE ORIGIN H Serial \$24	FOV . 38	Line # Hdg Start(UTC): End(UTC): Gd Spd		041 61:41/20:41 022	14:25/14:38	3 270 14-42 14-57 135	4 90 15:01 15:15 140		6 90 1537 1531 140	270 15.56	-	270 16.32 16:47 1		2 5 8 1 1 1 1 1 8 Ni		90 18:16 18:32	8 270 18:36 18:54 135	90 18:59 19:16	2	2





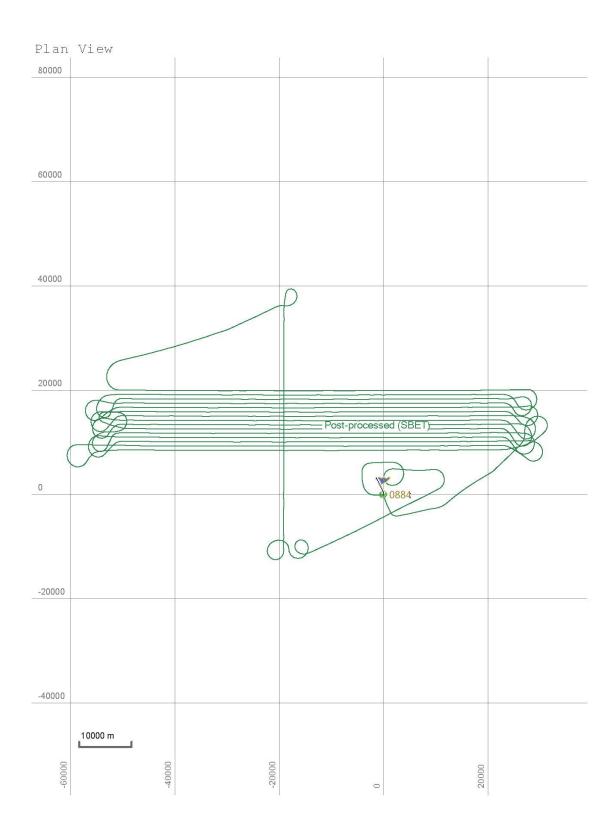






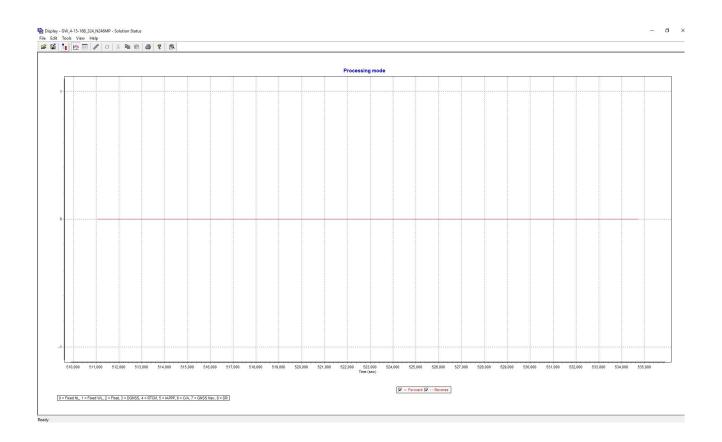






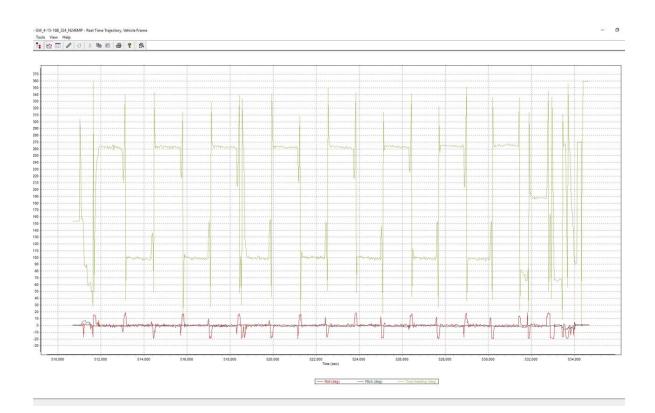


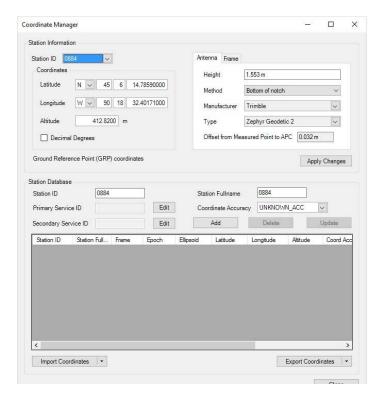
















Pegin Hobbs: 980, End Hobbs: 986, Total: 64 Dep Time (Lct): 4:58 (Z): 27:58 Arr Apt: 12 MDZ Sta 1: 87L4 Sta 2: Flyovers: 7 **C End: **C OAT beg: **C End: **C Altimet out Scriat** **C End: **C OAT beg: **C End: **C Altimet out Scriat** **C End: **C OAT beg: **C End: **C Altimet out Scriat** **C End: **C OAT beg: **C End: **C Altimet out Scriat** **San My Scriat** **San My Act	<	A.JOEK		as in the state of					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Sea 1: STL & Sta 2: From Alorte (Local); [1.20 (Zh. O 1/20) Tot Time Alorte (Local); [1.20 (Zh. O 1/20) Tot Ti	宁		ops: 680			Total: 64	PILOTE (Bry)	Co-Pilot:	Jac 1
12. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Dep Apt: KILD2	Dep Time	(Let): 4:5		Arr Apt:		Arr Time (Local)://	20 (Z):04:20	Tot Time Aloft:
*C End: ** C OXT beg: *C End: *C Attimeter begin: end: ** C Attimeter begin: end: ** C End: *C End: *C Attimeter begin: end: ** C End: *C	CORS: (V) N	Sta 1: 51	0	Sta 2:		Flyovers: Y	N If Y, time	is: Sta1) 04:08	Sta2)
*** End: **** C OAT beg: *** End: *** Attimeter begin: end:	GPS Unit: (Y) N	Sta 1: KMD		1		Flyovers: Y		is: Sta1)	
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500 52 Mph 11 N has 2 has 225 Prove High 1934 267 (a) 286 286 286 10 10 10 10 10 10 10 10 10 10 10 10 10	200	T				Avg Terr 1/600		Avg Pt 2.19	
GG Spd 10001-812 GPS ALTERUS CARD 100-1	38		25		0	Pulse 225	<	PPSM 2,67	
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136 111/17 6822m 5.2 + 57 L.C. 136 111/17 6822m 5.2 + 55 - 122 113/14 208m 7 0 124 121/15 2090 5.8 0 125 113/16 2090m 5.8 0 130 113/16 2090m 6.3 0 130 113/16 2090m 1.9 0 131 121/16 2090m 1.9 0 132 133/17 2090m 1.9 0 134 135/17 2090m 1.3 0	2:0	91					RITE		
136 14/7 682m 5.2+ 136 14/7 682m 5.2+ 132 143/4 208m 7 0 122 143/4 208m 7 0 130 142/6 2079m 58 0 130 143/6 2079m 58 0 130 143/12 200m 19 0 130 143/12 200m 19 0 132 143/12 200m 19 0 134 120/10 200m 19 0 135 136/12 200m 19 0 138 176/13 200m 19 0 138 176/13 200m 19 0	12:0	7 22:10				4	()		
122 1.43/4 208m 7 0 122 1.43/4 208m 7 0 126 135/5 200m -7 0 126 135/5 200m -7 0 120 13/6 2079 32 0 122 1.41/6 2079 -165 0 130 1.13/6 2079 -16 0 130 1.13/6 2020 -2 1 0 130 1.13/10 2020 -2 1 0 131 12/6 2020 -2 1 0 132 1.26/11 2020 -1 1 0 132 1.36/11 2020 -1 1 0 134 1.26/20 4:3 0	2-1	1 22:29		11	77				
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122 19/16/2090m 5.8 130 113/16/2090m 6.3 130 113/12/100 M 6.3 134 12/16/200m 1.9 132 135/17/200m 1.9 132 135/17/200m 1.9 140 135/17/2090m 1.3	000	77:0090		16				260	Collout of
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02:33 38 1.26/17 20101-106 02:54 132 139/16 20101-57 03:15 140 133/17 20101-11 03:37 128 13/17 201011 4:3	5.5	4 02:12	13	12/18 210m 4.	-				
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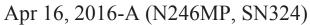


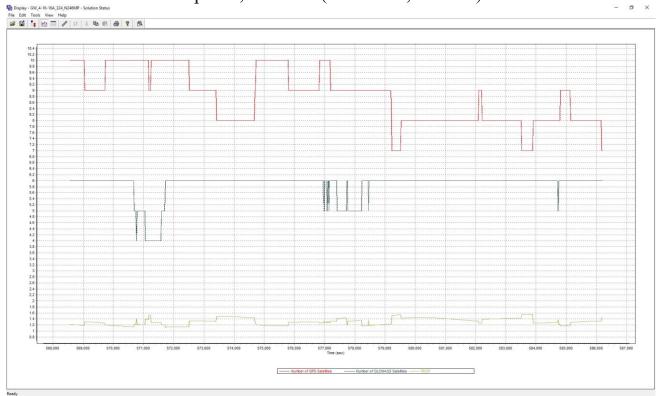


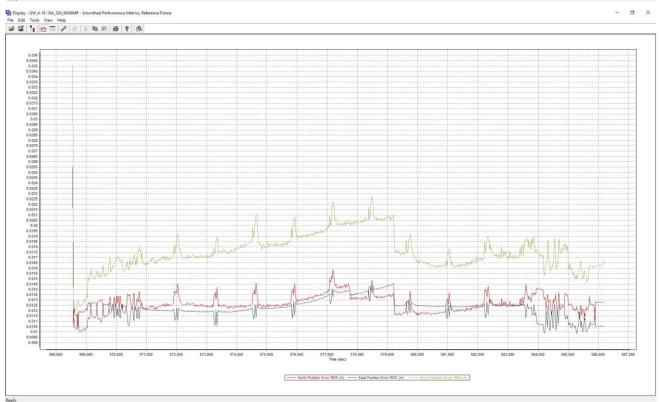
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20(Lo4/SB) 220 (Z): e4 220 (Z
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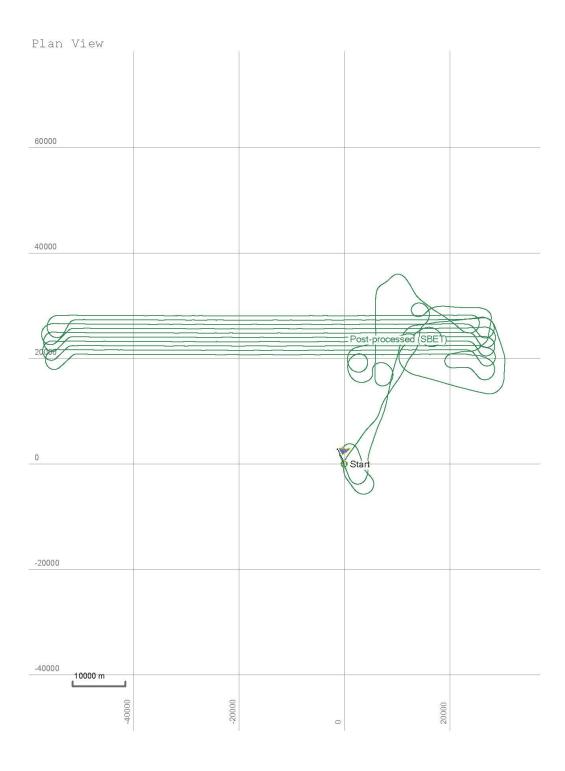






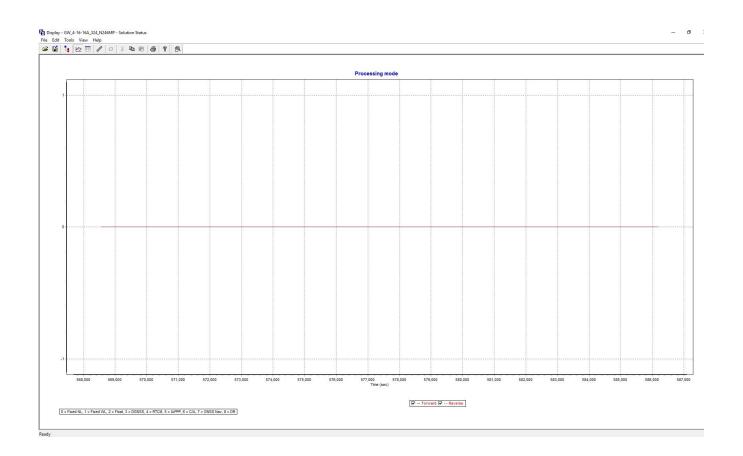






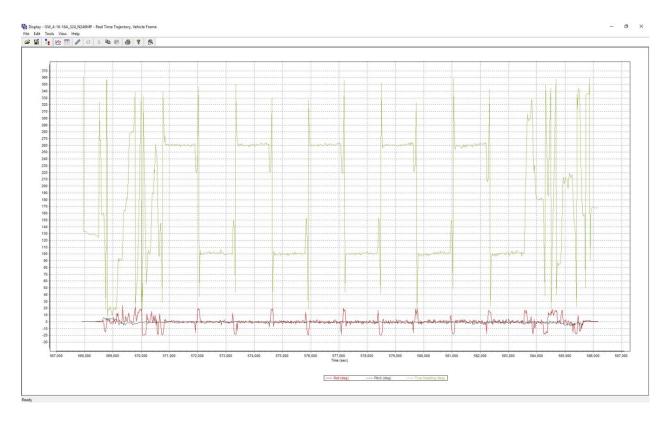


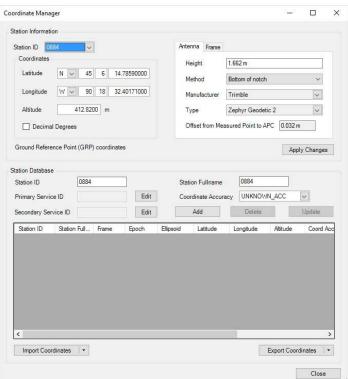














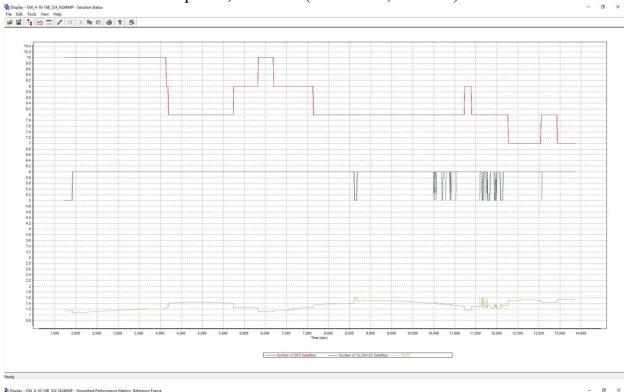


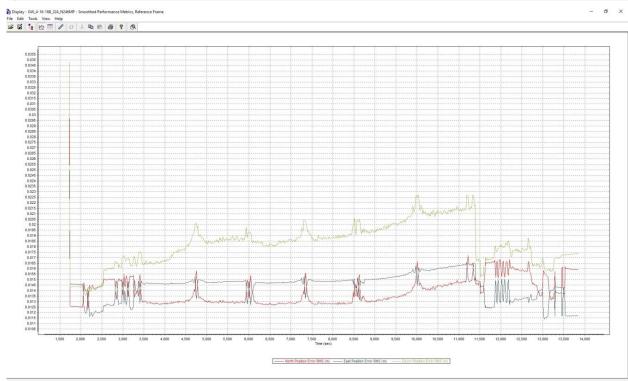
LITE OF E PS OF		Tot Time Aloft: 4.8	sta2) 18.27	Sta2)	Beg Storage GB (Name/e	Ga 73000	Tot 73 C	oke, partial, etc										FEW SG CLUS WEST	1			
Light Mgmt File: 701/04 10	Total: 4.8 PILOT: CHRSSTAHER CO-PILOT:	Arr Apt: KMDZ Arr Time (Local): 3.40 (Z): 18.40	Flyovers: (Y) N If Y, times: Sta1) 14-05	Flyovers: Y / N If Y, times: Sta1)	°c Altimeter begin: 30.29 end: 30.27		Pulse 225 Power HILLY PPSM 2.6	FLIGHT LINE NOTES – visibility, clouds, smoke, partial, etc.	TEST FIRES	STRIP #10 START								SIDE	BUMPS			
(email log daily to flight_log_distribution_list@quantumspatial.com)	End Hobbs:99/3	ZS: 13:55	Sta 2:	Sta 2:	OAT beg: °c End:	2002	Mpia Y I(N) Pulses	PDOP/# Sats GPS Altitude Crab [0+]	ACT	11/8/21/20 8	2 000 g	15/2/20 9	13/6 2020 10	137, 2120 M	01 25 7 7. 2.1	13762160 9	13/2000	13/6 2150 10	13/2 20:20 1D	X 2180 X		
Project: TAVIOR CO		Dep Apt: KMDZ Dep Time (Lct): 8-55	St	GPS Unit: (Y) N Sta 1: KMDZ	Gd Temp beg: 2 °c End: 22 °c	Serial # 324	Fov 38 Scan 52	Line # Hdg Start (UTC): End (UTC): Gd Spd		041 1241 14541 015 1	14.55 15.13	220	40 90 15:39 15:56 135	270 16:00 16:18 135	12:9/06	3 270 16-43 17-06 135	44 90 1704 1722 140	5 226 1726 1743 140	96	2 18:12		





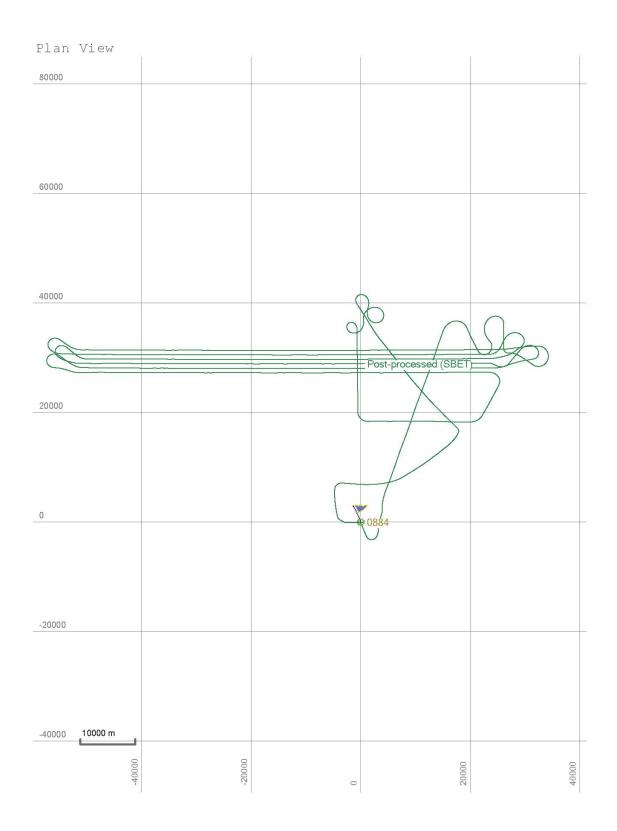






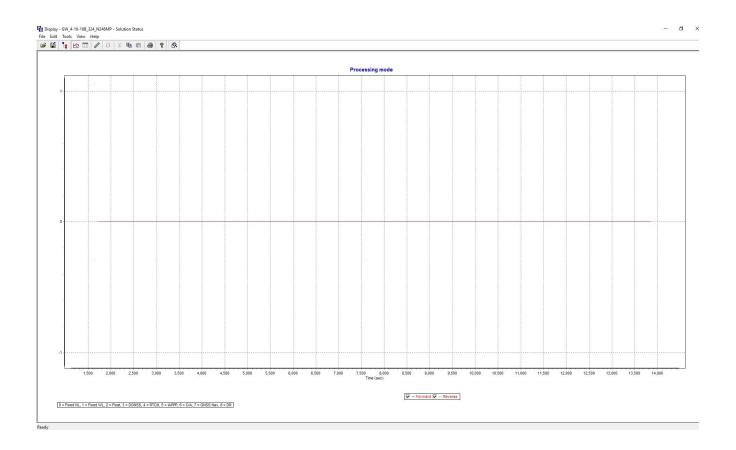






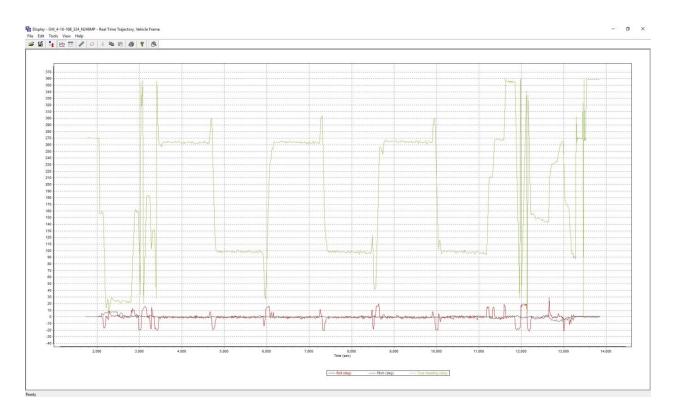


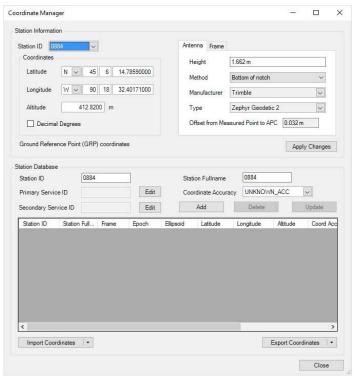
















Proj #: 27(3) Pr	LITER & C. D. E. Popt of Lander	T	Tot Time Aloft: 3_	Sta2)	80/ 80 PM	Tot 285 33/1	oke, partial, etc.			that had about disposeds a little fast @ start STLA CORS County Completed	
Proj #: 273 Proj #: 274 Pr	Flight Mgmt File: Onland 17 0#	Plot Cory McDore Co-Pl		Flyovers: Y N HY, times: Stail po : 4/4 Flyovers: Y N HY times: Stail	Mux A	25 Power Myy IN	FLIGHT LINE NOTES visibility, clouds, smoke, partial, etc.	Elyance of RILA CORS	5 two	of ANTHESION H	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Proj #: 2713				OAT beg: °c End: °c	APIA E/I N Pulses	PDOP(* Sets GPS Altitude Crab [0*)			0000000	