



Northrop Grumman Corporation
 Information Systems - Airborne Solutions
 1120 Echo Ct., Peachtree City, Ga. 30269

LIDAR Daily Log						GPS I	
Field Crew		Project # TBA			Lever Arm		Base 1
		Project Description			x y z		Base 2
DRIVE b		USGS NASHVILLE			GPS (m) -0.159 -0.137 -1.404		Base3
		Location					Aero 1
MISSION		KJWN					IMU I
Flight Date (UTC)		Pilot	Operator	Sensor	Aircraft	SENSOR NAVIGATION FILE NAME	Start Time
3/20/2011		Tinsley	Pullen	ALTM203	N56SA	Nashville_5000AGL_V2.pln	Stop Time

Reflight	Line	Dir	Start	Stop	Total Time	FOV	Scan Rate	Pulse Rate Hz	Roll Comp	Muti Pulse (Y,N)	Altitude ellipsoid (m)	Altitude ellipsoid (ft)	Speed	Nautical Miles Flown
	04801	90.09	1:56:14	2:12:09	0:15:55	17	35.0	70	On	N	1687	5535	1.6 2 mph	0.40
	04701	270.13	2:16:40	2:27:49	0:11:09	17	35.0	70	On	N	1695	5561	2.2 3 mph	0.40
	04601	90.13	2:31:12	2:42:15	0:11:03	17	35.0	70	On	N	1684	5525	2.1 2 mph	0.39
	04501	270.13	2:45:42	2:56:52	0:11:10	17	35.0	70	On	N	1682	5518	1.8 2 mph	0.33
	04401	90.13	3:00:06	3:11:15	0:11:09	17	35.0	70	On	N	1672	5486	1.4 2 mph	0.26
	04301	270.13	3:14:38	3:25:55	0:11:17	17	35.0	70	On	N	1677	5502	1.5 2 mph	0.28
	04201	90.13	3:29:02	3:40:01	0:10:59	17	35.0	70	On	N	1676	5499	1.5 2 mph	0.25
	04101	270.13	3:43:40	3:54:59	0:11:19	17	35.0	70	On	N	1673	5489	1.6 2 mph	0.29
	04001	90.13	3:58:11	4:09:11	0:11:00	17	35.0	70	On	N	1668	5472	1.7 2 mph	0.31
	03901	270.13	4:12:44	4:23:56	0:11:12	17	35.0	70	On	N	1668	5472	1.6 2 mph	0.29
	03801	90.13	4:27:11	4:38:26	0:11:15	17	35.0	70	On	N	1674	5492	1.7 2 mph	0.31
	03701	270.13	4:42:14	4:53:34	0:11:20	17	35.0	70	On	N	1674	5492	1.5 2 mph	0.28
	03601	90.13	4:56:43	5:07:35	0:10:52	17	35.0	70	On	N	1684	5525	1.4 2 mph	0.23
	03501	270.13	5:11:31	5:22:20	0:10:49	17	35.0	70	On	N	1691	5548	1.7 2 mph	0.28
	10201	180.05	5:26:49	5:30:17	0:03:28	17	35.0	70	On	N	1712	5617	2.1 2 mph	0.11

LIDAR FLIGHT SUMMARY					DATA COLLECTION				14 mission lines complete! Mission was aborted due
Aircraft IMU Time	4:08:54	Hobbs Start	2537.7		Total Lines	104	Project % Complete	68.3%	
Sensor Collection Time	2:43:57	Hobbs Stop	2542.1		# Reflight Lines	0	Total Flight Lines	104	
Line Miles Flown	4.4	Hobbs Total	4.4		Reflight Percent	0.0%	Line Complete	71	
Average Flight Lines Speed	#DIV/0!	Reflight Hobbs	0.0		Sensor Re-Flight Miles	0.0	Mission Lines	14	

Information	AGC	Meteorological Conditions								
NAIL JWN	Auto	Airport	Elevation	Temp		Pressure				
AIR	Auto	495	9.0°C	282.15°k	30.10 inHg	101930 Pa				
		@ Altitude								
		@ Altitude								
Information		GPS Base Station Information					ALS MISSION LOG VERSION 2 OCT 8,2010 DANIEL BURKE			
1:32:57		File Name	RNX File	Ant Hgt	Ant Type					
		Base 1	KJWN0780.pdc		1.8	Novatel				
5:41:51		Base 2								
		Base 3								
Void "Y"	PDOP	Operator	Conditions/Comments							
	126	Pullen	Good Flight Line							
	122	Pullen	Good Flight Line							
	123	Pullen	Good Flight Line							
	124	Pullen	Good Flight Line							
	122	Pullen	Good Flight Line							
	122	Pullen	Good Flight Line							
	123	Pullen	Good Flight Line							
	122	Pullen	Good Flight Line							
	127	Pullen	Good Flight Line							
	119	Pullen	Good Flight Line							
	129	Pullen	Good Flight Line							
	121	Pullen	Good Flight Line							
	127	Pullen	Good Flight Line							
	125	Pullen	Good Flight Line							
	122	Pullen	Tie-Line							
Comments						Cloud Cover				
no clouds in the project area.						Clear	X			
						Fair				
						Partly Cloudy				
						Cloudy				