



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

Field Crew		LIDAR Daily Log										GPS I		
		Project #	TBA								Lever Arm		Base 1	
		Project Description										Base 2		
DRIVE b		USGS NASHVILLE								GPS (m)	x	y	z	Base3
		Location										Aero 1		
MISSION B		KJWN										IMU I		

Flight Date (UTC)	Pilot	Operator	Sensor	Aircraft	SENSOR NAVIGATION FILE NAME										Start Time
3/21/2011	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
Reflight	00702	270.12	14:35:52	14:43:26	0:07:34	17	35.0	70	On	N	1743	5718	103	119 mph	12.02
Reflight	00802	90.12	14:46:04	14:52:37	0:06:33	17	35.0	70	On	N	1744	5722	128	147 mph	12.80
	00901	270.12	14:56:41	15:03:52	0:07:11	17	35.0	70	On	N	1732	5682	117	135 mph	13.65
	01001	90.12	15:06:32	15:13:31	0:06:59	17	35.0	70	On	N	1739	5705	130	150 mph	13.00
	01101	270.12	15:17:08	15:24:17	0:07:09	17	35.0	70	On	N	1742	5715	120	138 mph	14.00
	01201	90.12	15:26:50	15:33:49	0:06:59	17	35.0	70	On	N	1749	5738	130	150 mph	13.00
	01301	270.12	15:37:08	15:44:15	0:07:07	17	35.0	70	On	N	1743	5718	122	140 mph	14.23
	01401	90.11	15:47:44	15:55:31	0:07:47	17	35.0	70	On	N	1745	5725	124	143 mph	14.47
	01501	270.11	15:58:42	16:06:54	0:08:12	17	35.0	70	On	N	1726	5663	122	140 mph	16.27
	01601	90.11	16:09:36	16:17:25	0:07:49	17	35.0	70	On	N	1739	5705	130	150 mph	15.17
	01701	270.11	16:20:51	16:29:11	0:08:20	17	35.0	70	On	N	1744	5722	120	138 mph	16.00
	10201	180.05	16:36:08	16:39:35	0:03:27	17	35.0	70	On	N	1741	5712	123	142 mph	6.15

LIDAR FLIGHT SUMMARY					DATA COLLECTION			
Aircraft IMU Time	2:42:30	Hobbs Start	2545.2		Total Lines	104	Project % Complete	84.6%
Sensor Collection Time	1:25:07	Hobbs Stop	2548.1		# Reflight Lines	0	Total Flight Lines	104
Line Miles Flown	160.8	Hobbs Total	2.9		Reflight Percent	15.4%	Line Complete	88
Average Flight Lines Speed	#DIV/0!	Mission Hobbs	2.5		Sensor Re-Flight Miles	24.8	Mission Lines	8
		Reflight Hobbs	0.4		11 lines of data collected but 2 of them were refly line			

