

 Northrop Grumman Corporation Advanced GEOINT Solutions 1120 Echo Ct., Peachtree City, Ga. 30269				LIDAR Flight Log										GPS Information		AGC	Meteorological Conditions																	
				Aircraft	PROJECT #	26102			Lever Arm			GPS (m)		Base 1	DL-V3	AGC	Airport	Elevation	Temp		Pressure													
					DESCRIPTION	USGS Saline			x	y	z						KHOT		4.0°c	277.15°k														
				Sled Drive	LOCATION	Saline, AR							IMU Information					GPS Base Station Information																
Date	Pilot	Operator	Sensor	NAV FILE	Saline, AR					Start Time	21:23:00			Base 1	File Name	Ant Hgt	Ant Type																	
1/21/2014	DE	RL	Riegl 680i							Stop Time	2:33:00			Base 2																				
Base 3																																		
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 (Kts)		Nautical Miles Flown	Void "Y"	PDOP	Operator	Conditions/Comments															
	03101	N	21:46:00	21:57:00	0:11:00	60	110.0	58		N	1,731.26	5680	112 kts	129 mph	20.53		1.19	RL	STRONG WINDS FROM N N40KTS HD#2															
	03201	S	22:05:00	22:15:00	0:10:00	60	110.0	58		N	1,725.17	5660	147 kts	169 mph	24.50		1.21	RL																
	03301	N	22:19:00	22:32:00	0:13:00	60	110.0	58		N	1,722.12	5650	115 kts	132 mph	24.92		1.16	RL																
	03401	S	22:35:00	22:45:00	0:10:00	60	110.0	58		N	1,716.02	5630	146 kts	168 mph	24.33		1.21	RL																
	03501	N	22:35:00	23:00:00	0:25:00	60	110.0	58		N	1,719.07	5640	126 kts	145 mph	52.50		1.33	RL																
	03601	S	23:04:00	23:14:00	0:10:00	60	110.0	58		N	1,717.55	5635	145 kts	167 mph	24.17		1.19	RL																
	03701	N	23:17:00	23:29:00	0:12:00	60	110.0	58		N	1,719.07	5640	132 kts	152 mph	26.40		1.09	RL																
	03801	S	23:32:00	23:44:00	0:12:00	60	110.0	58		N	1,706.88	5600	145 kts	167 mph	29.00		1.06	RL																
	03901	N	23:47:00	23:59:00	0:12:00	60	110.0	58		N	1,706.88	5600	138 kts	159 mph	27.60		1.22	RL																
	04001	S	0:03:00	0:15:00	0:12:00	60	110.0	58		N	1,703.83	5590	147 kts	169 mph	29.40		1.19	RL	TOP VIEW NOT PAINTING, RECORDER OK															
	04101	N	0:18:00	0:30:00	0:12:00	60	110.0	58		N	1,700.78	5580	141 kts	162 mph	28.20		1.09	RL	RESET DISPLAY. TOP VIEW RESTORED															
	04201	S	0:33:00	0:45:00	0:12:00	60	110.0	58		N	1,694.69	5560	145 kts	167 mph	29.00		1.35	RL																
	04301	N	0:49:00	1:01:00	0:12:00	60	110.0	58		N	1,691.64	5550	142 kts	163 mph	28.40		1.12	RL																
	04401	S	1:05:00	1:14:00	0:09:00	60	110.0	58		N	1,673.35	5490	145 kts	167 mph	21.75		1.3	RL	HD#2															
	04501	N	1:18:00	1:28:00	0:10:00	60	110.0	58		N	1,670.30	5480	143 kts	165 mph	23.83		1.42	RL																
	04601	S	1:30:00	1:40:00	0:10:00	60	110.0	58		N	1,676.40	5500	148 kts	170 mph	24.67		1.45	RL																
	04701	N	1:43:00	1:53:00	0:10:00	60	110.0	58		N	1,685.54	5530	140 kts	161 mph	23.33		1.37	RL																
	04801	S	1:56:00	2:04:00	0:08:00	60	110.0	58		N	1,691.64	5550	147 kts	169 mph	19.60		0.98	RL																
LIDAR FLIGHT SUMMARY																																		
Aircraft IMU Time					18:50:00	Hobbs Start					3069.5	DATA COLLECTION					Comments					Cloud Cover												
Sensor Collection Time					3:30:00	Hobbs Stop					3074.3	Total Lines					78	Project % Complete					61.5%	3:30 CLEAR WEATHER. STARTED LATE IN THE AFTERNOON DUE TO AIRCRAFT MECHANICAL ISSUE. RI ACQUIRE V1.4.9					Clear					X
Line Miles Flown					482.1	Hobbs Total					4.8	# Reflight Lines						Total Flight Lines					78						Fair					
Average Flight Lines Speed					#DIV/0!	Mission Hobbs					4.8	Reflight Percent					0.0%	Lines Complete					48						Partly Cloudy					
						Reflight Hobbs					0.0	Sensor Re-Flight Miles					0.0	Mission Lines					18						Cloudy					