

 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		16.0°C	289.15°k				
			Sled Drive	LOCATION	Saline, AR			IMU Information		GPS Base Station Information				File Name	Ant Hgt	Ant Type							
Date	Pilot	Operator	Sensor	NAV FILE	Saline, AR			Start Time	17:20:00		Base 1	DLV3	1.5	LEGANT2	Base 2	Base 3							
1/20/2014	DE	RL	Riegl 680i																				
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				
			17:50:00	17:50:00	0:00:00	60	110.0	58		N	1,920.24	6300	145 kts	167 mph	0.00					1015 MB TEST-HDO			
	00101	N	17:52	17:55	0:03:00	60	110.0	58		N	1,920.24	6300	133 kts	153 mph	6.65		0.9	RL					
	00201	S	17:59	18:02	0:03:00	60	110.0	58		N	1,889.76	6200	137 kts	158 mph	6.85		1	RL					
	00301	N	18:06	18:09	0:03:00	60	110.0	58		N	1,859.28	6100	142 kts	163 mph	7.10		1	RL					
	00401	S	18:15	18:21	0:06:00	60	110.0	58		N	1,828.80	6000	137 kts	158 mph	13.70		1	RL					
	00501	N	18:24	18:30	0:06:00	60	110.0	58		N	1,828.80	6000	144 kts	166 mph	14.40		1.23	RL					
	00601	S	18:33	18:42	0:09:00	60	110.0	58		N	1,828.80	6000	133 kts	153 mph	19.95		1.3	RL					
	00701	N	18:45	18:53	0:08:00	60	110.0	58		N	1,844.04	6050	148 kts	170 mph	19.73		1.3	RL					
	00801	S	18:57	19:05	0:08:00	60	110.0	58		N	1,844.04	6050	140 kts	161 mph	18.67		1.32	RL					
	00901	N	19:08	19:17	0:09:00	60	110.0	58		N	1,844.04	6050	146 kts	168 mph	21.90		1.15	RL					
	01001	S	19:20	19:29	0:09:00	60	110.0	58		N	1,837.94	6030	136 kts	157 mph	20.40		1.23	RL					
	01101	N	19:32	19:41	0:09:00	60	110.0	58		N	1,828.80	6000	148 kts	170 mph	22.20		1.16	RL					
	01201	S	19:45	19:54	0:09:00	60	110.0	58		N	1,822.70	5980	142 kts	163 mph	21.30		1.16	RL					
	01301	N	19:45	19:54	0:09:00	60	110.0	58		N	1,822.70	5980	147 kts	169 mph	22.05		1	RL					
	01401	S	20:08	20:18	0:10:00	60	110.0	58		N	1,810.51	5940	146 kts	168 mph	24.33		0.98	RL		HD0 90%			
	01501	N	20:20	20:29	0:09:00	60	110.0	58		N	1,810.51	5940	147 kts	169 mph	22.05		1.04	RL		15:25 - HD1			
	01601	S	20:32	20:41	0:09:00	60	110.0	58		N	1,810.51	5940	138 kts	159 mph	20.70		1.09	RL					
	01701	N	20:45	20:55	0:10:00	60	110.0	58		N	1,807.46	5930	147 kts	169 mph	24.50		1.06	RL					
	01801	S	20:57	21:06	0:09:00	60	110.0	58		N	1,798.32	5900	145 kts	167 mph	21.75		1.15	RL		43-47 SMK			
	01901	N	21:09	21:18	0:09:00	60	110.0	58		N	1,795.27	5890	144 kts	166 mph	21.60		1.25	RL		47-48 SMK			
	02001	S	21:22	21:31	0:09:00	60	110.0	58		N	1,789.18	5870	146 kts	168 mph	21.90		1.22	RL					
<b>LIDAR FLIGHT SUMMARY</b>																							
					<b>DATA COLLECTION</b>							<b>Comments</b>					<b>Cloud Cover</b>						
Aircraft IMU Time		15:38:00		Hobbs Start		3063.1		Total Lines		78		Project % Complete		25.6%		Base station set over grass with pin. Photos taken. Good weather with some brush burnings on center of project					Clear		X
Sensor Collection Time		2:36:00		Hobbs Stop		3069.5		# Reflight Lines				Total Flight Lines		78							Fair		
Line Miles Flown		371.7		Mission Hobbs		6.4		Reflight Percent		0.0%		Lines Complete		20							Partly Cloudy		
Average Flight Lines Speed		#DIV/0!		Reflight Hobbs		0.0		Sensor Re-Flight Miles		0.0		Mission Lines		20							Cloudy		