



Northrop Grumman Corporation
Advanced GEOINT Solutions
1120 Echo Ct., Peachtree City, Ga. 30269

LIDAR Flight Log

GPS Information

Base 1 DL-V3

AGC

Meteorological Conditions

Airport

Elevation

Temp

Pressure

Aircraft	PROJECT #	26102	Lever Arm		
			x	y	z
	DESCRIPTION	USGS Saline	GPS (m)		
Sled Drive	LOCATION	Saline, AR			
	NAV FILE	Saline, AR			

IMU Information

Start Time 20:15:00

Stop Time 23:20:00

GPS Base Station Information

File Name

Ant Hgt

Ant Type

Base 1 DLV3

1.5

LEGANT2

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
	07101	N	20:37:00	20:40:00	0:03:00	60	110.0	58		N	1,652.02	5420	136 kts	157 mph	6.80		1.06	RL	
	07201	S	20:44:00	20:47:00	0:03:00	60	110.0	58		N	1,648.97	5410	144 kts	166 mph	7.20		1.11	RL	
	07301	N	20:51:00	20:54:00	0:03:00	60	110.0	58		N	1,645.92	5400	142 kts	163 mph	7.10		1.16	RL	
	07401	S	20:58:00	21:01:00	0:03:00	60	110.0	58		N	1,645.92	5400	146 kts	168 mph	7.30		1.27	RL	
	07501	N	21:05:00	21:08:00	0:03:00	60	110.0	58		N	1,645.92	5400	140 kts	161 mph	7.00		1.26	RL	
	07601	S	21:12:00	21:16:00	0:04:00	60	110.0	58		N	1,642.87	5390	146 kts	168 mph	9.73		1.24	RL	
	07701	N	21:19:00	21:23:00	0:04:00	60	110.0	58		N	1,641.35	5385	135 kts	155 mph	9.00		1.22	RL	
	07801	S	21:26:00	21:30:00	0:04:00	60	110.0	58		N	1,639.82	5380	147 kts	169 mph	9.80		1.29	RL	

LIDAR FLIGHT SUMMARY				DATA COLLECTION				Comments				Cloud Cover	
Aircraft IMU Time	3:05:00	Hobbs Start	3074.3	Total Lines	78	Project % Complete	100.0%	CLEAR WEATHER				Clear	X
Sensor Collection Time	0:27:00	Hobbs Stop	3081.2	# Reflight Lines		Total Flight Lines	78					Fair	
Line Miles Flown	63.9	Mission Hobbs	6.9	Reflight Percent	0.0%	Lines Complete	78					Partly Cloudy	
Average Flight Lines Speed	#DIV/0!	Reflight Hobbs	0.0	Sensor Re-Flight Miles	0.0	Mission Lines	8					Cloudy	