Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
?	gallia co.		12/10/2020	345	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N7079F	3011.2	12:28:00	17:28:00	day
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Smith	Leica Terrain Mapper - 90511	3016.1	05:24:00	22:24:00	day

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
160	6	7		Scattered	10	3	3009

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1320	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
1	s	18:43:00	18:46:00		22	1.3	
2	n	18:48:00	18:51:00		22	1.2	
3	s	18:54:00	18:57:00	00:03:00	22	1.2	
4	n	18:59:00	19:02:00	00:03:00	22	1.3	
5	s	19:05:00	19:08:00	00:03:00	23	1.2	
6	n	19:10:00	19:13:00	00:03:00	23	1.2	
7	s	19:16:00	19:19:00	00:03:00	25	1.1	
8	n	19:22:00	19:25:00	00:03:00	25	1.1	pav issue, shut itself off halfway down line
8	s	19:42:00	19:45:00	00:03:00	21	1.3	shutdown/reboot
9	n	19:48:00	19:52:00	00:04:00	21	1.3	
10	s	19:54:00	19:57:00	00:03:00	19	1.5	
11	n	20:00:00	20:02:00	00:02:00	19	1.6	
12	s	20:05:00	20:10:00	00:05:00	19	1.7	
13	n	20:12:00	20:16:00	00:04:00	19	1.7	
14	s	20:19:00	20:23:00	00:04:00	19	1.8	
15	n	20:27:00	20:33:00	00:06:00	19	1.8	
16	s	20:36:00	20:42:00	00:06:00	19	1.8	
17	n	20:44:00	20:50:00	00:06:00	20	1.6	
18	s	20:55:00	21:04:00	00:09:00	24	1.1	
19	n	21:06:00	21:17:00	00:11:00	22	1.2	
20	s	21:20:00	21:30:00	00:10:00	22	1.2	
21	n	21:33:00	21:43:00	00:10:00	21	1.2	

Verify S-Turns After Mission	Yes

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
?	gallia co.		12/10/2020	345	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N7079F	3011.2	12:28:00	17:28:00	day
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Smith	Leica Terrain Mapper - 90511	3016.1	05:24:00	22:24:00	day

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
160	6	0,007		Scattered	10	3	3009

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1320	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
13	s	17:37:00	17:40:00	00:03:00	16	1.2	
12	n	17:42:00	17:45:00	00:03:00	18	1.1	
11	s	17:47:00	17:50:00	00:03:00	18	1.1	pav roll limit
10	s	17:53:00	17:55:00	00:02:00	19	1.1	
9	n	17:57:00	17:58:00	00:01:00	18	1.2	
8	s	18:02:00	18:03:00	00:01:00	19	1	
7	e	18:06:00	18:08:00	00:02:00	20	1	
6	w	18:11:00	18:13:00	00:02:00	19	1	
5	e	18:16:00	18:18:00	00:02:00	19	1	
4	s	18:21:00	18:22:00	00:01:00	16	1.3	
3	n	18:25:00	18:26:00	00:01:00	16	1.3	
2	e	18:30:00	18:32:00	00:02:00	16	1.4	
1	w	18:34:00	18:36:00	00:02:00	16	1.4	

Verify S-Turns After Mission	

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
?	gallia co.		12/10/2020	345	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N7079F	3011.2	12:28:00	17:28:00	day
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Smith	Leica Terrain Mapper - 90511	3016.1	05:24:00	22:24:00	day

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
160	6	7		Scattered	10	3	3009

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1320	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
1	s	18:43:00	18:46:00		22	1.3	
2	n	18:48:00	18:51:00		22	1.2	
3	s	18:54:00	18:57:00	00:03:00	22	1.2	
4	n	18:59:00	19:02:00	00:03:00	22	1.3	
5	s	19:05:00	19:08:00	00:03:00	23	1.2	
6	n	19:10:00	19:13:00	00:03:00	23	1.2	
7	s	19:16:00	19:19:00	00:03:00	25	1.1	
8	n	19:22:00	19:25:00	00:03:00	25	1.1	pav issue, shut itself off halfway down line
8	s	19:42:00	19:45:00	00:03:00	21	1.3	shutdown/reboot
9	n	19:48:00	19:52:00	00:04:00	21	1.3	
10	s	19:54:00	19:57:00	00:03:00	19	1.5	
11	n	20:00:00	20:02:00	00:02:00	19	1.6	
12	s	20:05:00	20:10:00	00:05:00	19	1.7	
13	n	20:12:00	20:16:00	00:04:00	19	1.7	
14	s	20:19:00	20:23:00	00:04:00	19	1.8	
15	n	20:27:00	20:33:00	00:06:00	19	1.8	
16	s	20:36:00	20:42:00	00:06:00	19	1.8	
17	n	20:44:00	20:50:00	00:06:00	20	1.6	
18	s	20:55:00	21:04:00	00:09:00	24	1.1	
19	n	21:06:00	21:17:00	00:11:00	22	1.2	
20	s	21:20:00	21:30:00	00:10:00	22	1.2	
21	n	21:33:00	21:43:00	00:10:00	21	1.2	

Verify S-Turns After Mission	Yes

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
?	gallia co.		12/10/2020	345	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N7079F	3011.2	12:28:00	17:28:00	day
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Smith	Leica Terrain Mapper - 90511	3016.1	05:24:00	22:24:00	day

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
160	6	0,007		Scattered	10	3	3009

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1320	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
13	s	17:37:00	17:40:00	00:03:00	16	1.2	
12	n	17:42:00	17:45:00	00:03:00	18	1.1	
11	s	17:47:00	17:50:00	00:03:00	18	1.1	pav roll limit
10	s	17:53:00	17:55:00	00:02:00	19	1.1	
9	n	17:57:00	17:58:00	00:01:00	18	1.2	
8	s	18:02:00	18:03:00	00:01:00	19	1	
7	e	18:06:00	18:08:00	00:02:00	20	1	
6	w	18:11:00	18:13:00	00:02:00	19	1	
5	e	18:16:00	18:18:00	00:02:00	19	1	
4	s	18:21:00	18:22:00	00:01:00	16	1.3	
3	n	18:25:00	18:26:00	00:01:00	16	1.3	
2	e	18:30:00	18:32:00	00:02:00	16	1.4	
1	w	18:34:00	18:36:00	00:02:00	16	1.4	

Verify S-Turns After Mission	

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
?	gallia co.		12/11/2020	346	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N7079F	3016.2	10:42:00	15:42:00	day
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Smith	Leica Terrain Mapper - 90511	3022	04:36:00	21:36:00	day

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
200	13	10		Scattered	11	4	3001

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1320	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
22	s	16:22:00	16:33:00		21	1.3	
23	n	16:36:00	16:46:00		22	1.1	
24	s	16:44:00	17:00:00	00:16:00	22	1.3	
25	n	17:03:00	17:13:00	00:10:00	21	1.2	
26	s	17:16:00	17:27:00	00:11:00	22	1.2	
27	n	17:29:00	17:40:00	00:11:00	21	1.2	
28	s	17:43:00	17:54:00	00:11:00	20	1.3	
29	n	17:58:00	18:12:00	00:14:00	21	1.2	
30	s	18:15:00	18:28:00	00:13:00	20	1.2	
31	n	18:32:00	18:44:00	00:12:00	18	1.4	
32	s	18:47:00	19:01:00	00:14:00	18	1.3	
33	n	19:04:00	19:17:00	00:13:00	19	1.2	
34	s	19:20:00	19:33:00	00:13:00	17	1.3	
35	n	19:36:00	19:48:00	00:12:00	17	1.3	
36	s	19:51:00	20:04:00	00:13:00	15	1.6	
37	n	20:07:00	20:19:00	00:12:00	15	1.7	
38	s	20:22:00	20:35:00	00:13:00	14	1.8	
39	n	20:38:00	20:50:00	00:12:00	14	1.7	

Verify S-Turns After Mission	Yes

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
?	gallia co.		12/11/2020	346	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N7079F	3016.2	10:42:00	15:42:00	day
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Smith	Leica Terrain Mapper - 90511	3022	04:36:00	21:36:00	day

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
200	13	0,010		Scattered	11	4	3001

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1320	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
13	s	17:37:00	17:40:00	00:03:00	16	1.2	
12	n	17:42:00	17:45:00	00:03:00	18	1.1	
11	s	17:47:00	17:50:00	00:03:00	18	1.1	pav roll limit
10	s	17:53:00	17:55:00	00:02:00	19	1.1	
9	n	17:57:00	17:58:00	00:01:00	18	1.2	
8	s	18:02:00	18:03:00	00:01:00	19	1	
7	e	18:06:00	18:08:00	00:02:00	20	1	
6	w	18:11:00	18:13:00	00:02:00	19	1	
5	e	18:16:00	18:18:00	00:02:00	19	1	
4	s	18:21:00	18:22:00	00:01:00	16	1.3	
3	n	18:25:00	18:26:00	00:01:00	16	1.3	
2	e	18:30:00	18:32:00	00:02:00	16	1.4	
1	w	18:34:00	18:36:00	00:02:00	16	1.4	

Verify S-Turns After Mission	

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81632	Gallia Co LiDAR	Day358_90515	12/23/2020	358	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Diepenbroek	Cessna 404 Titan - N532NM	775	09:20:00	14:20:00	KDAY
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Nardone	Leica Terrain Mapper - 90515	779.5	03:00:00	20:00:00	KDAY

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
170	7	10	17,000	Broken	2	-3	30.12

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150	8,202	8,925	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
0.7	2	40	90	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
40	S	15:31:00	15:45:00	00:14:00	21	1.2	GalliaCo @5000 MSL
41	N	15:48:00	16:01:00	00:13:00	24	1.1	
42	S	16:04:00	16:17:00	00:13:00	22	1.2	
43	N	16:20:00	16:32:00	00:12:00	23	1.3	
44	S	16:34:00	16:46:00	00:12:00	23	1.3	
45	N	16:49:00	17:00:00	00:11:00	23	1.2	
46	S	17:03:00	17:15:00	00:12:00	24	1.2	
47	N	17:18:00	17:30:00	00:12:00	24	1.1	
48	S	17:32:00	17:44:00	00:12:00	23	1.2	
49	N	17:48:00	18:00:00	00:12:00	22	1.2	
50	S	18:03:00	18:15:00	00:12:00	20	1.3	
51	N	18:19:00	18:31:00	00:12:00	24	1.1	Strong wind on north bound

Verify S-Turns After Mission	

Additional Comments

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81150	Gallia Co LiDAR	Day013_91557	01/13/2021	013	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Costanzo	Reims 406 - N406SD	5516.3	10:30:00	15:30:00	KDAY
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Nardone	Leica Terrain Mapper - 91557	5521	03:30:00	20:30:00	KDAY

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
170	7	10	17,000	Broken	2	-3	30.12

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	4,500	4,908	1,009

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
0.7	2	40	90	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
52	S	16:24:00	16:36:00		17	1.3	Gallia Co @5000 MSL
64	N	16:40:00	16:42:00		15	1.5	
53	N	16:49:00	17:01:00	00:12:00	17	1.2	
54	S	17:04:00	17:10:00	00:06:00	18	1.2	
55	N	17:13:00	17:19:00	00:06:00	16	1.1	
56	S	17:22:00	17:28:00	00:06:00	16	1.1	
57	N	17:30:00	17:36:00	00:06:00	15	1.2	
58	S	17:38:00	17:44:00	00:06:00	14	1.1	
59	N	17:46:00	17:52:00	00:06:00	14	1.5	
60	S	17:55:00	17:58:00	00:03:00	14	1.4	
61	N	18:01:00	18:05:00	00:04:00	14	1.6	
62	S	18:08:00	18:11:00	00:03:00	14	1.8	
63	N	18:14:00	18:16:00	00:02:00	14	1.8	
19	E	18:58:00	19:11:00	00:13:00	17	1.1	Ohio LiDAR Block 2 @7133 MSL
20	W	19:15:00	19:31:00	00:16:00	16	1.2	

Verify S-Turns After Mission	

Additional Comments