Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	**Project Name**	**Unique ID**	**Flight Date (UTC)**	**Day of Year**	**Flight #**
83036	MN CentMS Chisago Co	Day134_90511_1	05/14/2022	134	1

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
Comer	N532NM	228.6	11:00:00	16:00:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Livernois	Leica Terrain Mapper - 90511	230.7	13:15:00	18:15:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
240	24	10	12,000	Few	26	8	29.92

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,031

Settings

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

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
45	S	16:23:00	16:36:00	00:13:00	18	1	
46	N	16:40:00	16:53:00	00:13:00	17	1.1	
47	S	16:56:00	17:09:00	00:13:00	17	1	
48	N	17:12:00	17:25:00	00:13:00	16	1.2	
49	S	17:28:00	17:41:00	00:13:00	16	1.1	

Page 1	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 #
83036	Chisago Co., MN		05/14/2022	22134	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Ramsey	Cessna 404 Titan - N404CP	8694.9	09:03:00	14:03:00	KSTC
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Annen	Leica Terrain Mapper - 90513	8697	11:28:00	16:28:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
240	12	10		Clear	18	8	29.86

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
0.2		40	150	2000	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	14:42:00	14:46:00	00:04:00	18	1.2	
2	N	14:49:00	14:55:00	00:06:00	18	1.3	
3	S	15:00:00	15:06:00	00:06:00	19	1.3	
4	N	15:08:00	15:15:00	00:07:00	18	1.3	
5	S	15:18:00	15:23:00	00:05:00	18	1.3	
6	N	15:27:00	15:33:00	00:06:00	18	1.2	
7	S	15:36:00	15:43:00	00:07:00	17	1.2	
8	N	15:46:00	15:51:00	00:05:00	19	1	
9	S	15:54:00	16:00:00	00:06:00	19	1	
							Departed area, low clouds rain moving in

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

Ended flight as a minor frontal passage occurred with strong turbulance.

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	**Project Name**	**Unique ID**	**Flight Date (UTC)**	**Day of Year**	**Flight #**
83036	MN CentMS Chisago Co	Day135_90511_2	05/15/2022	135	2

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
Comer	Cessna 404 Titan - N532NM	230.7	09:10:00	14:10:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Livernois	Leica Terrain Mapper - 90511	233.1	11:51:00	16:51:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
240	4	10	12,000	Clear	17	7	29.95

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
50	S	14:45:00	14:58:00	00:13:00	16	1.3	
51	N	15:00:00	15:13:00	00:13:00	17	1.3	
52	S	15:16:00	15:29:00	00:13:00	17	1.2	
53	N	15:32:00	15:45:00	00:13:00	17	1.2	
54	S	15:49:00	16:02:00	00:13:00	18	1.1	Turbulence, PAV pitch + roll limits exceeded
55	N	16:05:00	16:13:00	00:08:00	16	1.2	Turbulence, PAV pitch + roll limits exceeded

Page 1	**Verify S-Turns After Mission** Yes

Additional Comments

Discontinued flight for turbulence and scattered cumulus clouds developing at mission altitude.

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
83036	Chisago Co., MN		05/15/2022	22135	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Ramsey	Cessna 404 Titan - N404CP	8697	10:10:00	15:10:00	KSTC
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Annen	Leica Terrain Mapper - 90513	8698.3	11:48:00	16:48:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
270	11	10		Scattered	19	6	29.95

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
0.2		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
10	S	15:48:00	15:53:00	00:05:00	17	1.3	
11	N	15:57:00	16:03:00	00:06:00	18	1.1	
12	S	16:06:00	16:11:00	00:05:00	17	1.2	
							Ended due to clouds and turbulance

Page 1	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 #**
83036	MN CentMS Chisago Co	Day136_90511_3	05/16/2022	136	3

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
Comer	Cessna 404 Titan - N532NM	233.1	08:11:00	13:11:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Livernois	Leica Terrain Mapper - 90511	235.3	10:35:00	15:35:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
340	10	10	12,000	Clear	13	6	29.93

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
56	S	13:44:00	13:46:00	00:02:00	16	1.4	Aborted for traffic
56	S	13:51:00	13:59:00	00:08:00	17	1.3	
57	N	14:02:00	14:11:00	00:09:00	18	1.2	
58	S	14:15:00	14:23:00	00:08:00	18	1.1	
59	N	14:27:00	14:36:00	00:09:00	17	1.2	
60	S	14:39:00	14:47:00	00:08:00	17	1.2	
61	N	14:51:00	14:59:00	00:08:00	17	1.3	

Verify S-Turns After Mission	Yes

Additional Comments

Discontinued flight for low level clouds

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	**Project Name**	**Unique ID**	**Flight Date (UTC)**	**Day of Year**	**Flight #**
83036	Chisago Co MN	Day136_90513_1	05/16/2022	136	1

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
Ramsey	Cessna 404 Titan - N404CP	8698.3	07:50:00	12:50:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Annen	Leica Terrain Mapper - 90513	8701.1	10:55:00	15:55:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
310	15	10	8,000	Scattered	12	8	2991

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
0.2		40	150	2000	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	13:26:00	13:32:00	00:06:00	17	1.2	
14	N	13:35:00	13:42:00	00:07:00	18	1.2	
15	S	13:45:00	13:51:00	00:06:00	16	1.4	
16	N	13:54:00	14:00:00	00:06:00	17	1.3	
17	S	14:04:00	14:10:00	00:06:00	18	1.3	
18	N	14:13:00	14:19:00	00:06:00	18	1.2	
19	S	14:22:00	14:29:00	00:07:00	18	12	
20	N	14:38:00	14:48:00	00:10:00	17	1.2	
21	S	14:51:00	15:04:00	00:13:00	17	1.2	
22	N	15:07:00	15:20:00	00:13:00	17	1.3	

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

Clouds forming at/below our altitude

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	**Project Name**	**Unique ID**	**Flight Date (UTC)**	**Day of Year**	**Flight #**
83036	MN CentMS Chisago Co.	Day139_90511_4	05/19/2022	139	4

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
LaRocque	Cessna 404 Titan - N532NM	235.3	09:00:00	14:00:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Livernois	Leica Terrain Mapper - 90511	239.4	13:35:00	13:35:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
20	3	10	12,000	Few	14	9	29.6

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
62	S	14:44:00	14:52:00	00:08:00	18	1.3	
63	N	14:55:00	15:04:00	00:09:00	18	1.2	
64	S	15:06:00	15:15:00	00:09:00	18	1.2	
65	N	15:17:00	15:26:00	00:09:00	17	1.2	
66	S	15:28:00	15:37:00	00:09:00	18	1	
67	N	15:40:00	15:48:00	00:08:00	18	1	
68	S	15:50:00	16:00:00	00:10:00	17	1.2	
69	N	16:02:00	16:11:00	00:09:00	18	1.1	SCT clouds North end
70	S	16:14:00	16:22:00	00:08:00	19	1	
71	N	16:24:00	16:32:00	00:08:00	16	1.2	
72	S	16:35:00	16:43:00	00:08:00	17	1.1	
73	N	16:46:00	16:53:00	00:07:00	17	1.1	
74	S	16:56:00	17:03:00	00:07:00	15	1.3	
75	N	17:06:00	17:12:00	00:06:00	15	1.2	
76	S	17:15:00	17:21:00	00:06:00	16	1.2	
77	N	17:23:00	17:29:00	00:06:00	14	1.2	
78	S	17:32:00	17:38:00	00:06:00	15	1.2	PAV Roll limit
79	N	17:40:00	17:45:00	00:05:00	16	1.2	
80	S	17:48:00	17:52:00	00:04:00	16	1.2	
81	N	17:54:00	17:58:00	00:04:00	16	1.2	

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

Ended flight for convective sigmet in mission area

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	**Project Name**	**Unique ID**	**Flight Date (UTC)**	**Day of Year**	**Flight #**
83036	MN CentMS Chisago Co	Day141_90511_5	05/21/2022	141	5

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
LaRocque	Cessna 404 Titan - N532NM	239.4	20:15:00	01:15:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Livernois	Leica Terrain Mapper - 90511	242.4	23:42:00	04:42:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
310	17	10	6,000	Broken	9	-2	30.15

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,896	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
83	S	01:59:00	02:02:00	00:03:00	17	1.1	Nadir underexposure
84	N	02:04:00	02:07:00	00:03:00	17	1.1	
85	S	02:10:00	02:13:00	00:03:00	17	1.1	
44	N	02:20:00	02:34:00	00:14:00	18	1.1	
43	S	02:37:00	02:50:00	00:13:00	16	1.2	
42	N	02:53:00	03:05:00	00:12:00	18	1.3	
41	S	03:08:00	03:21:00	00:13:00	18	1.2	
40	N	03:24:00	03:37:00	00:13:00	18	1.2	
39	S	03:40:00	03:53:00	00:13:00	18	1.2	
38	N	03:56:00	04:09:00	00:13:00	17	1.2	CLOUD

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

Night flight LiDAR collection, Landed early for lowering clouds and icing conditions

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	**Project Name**	**Unique ID**	**Flight Date (UTC)**	**Day of Year**	**Flight #**
83036	MN CentMS Chisago Co	Day142_90511_A	05/22/2022	142	A

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
Ramsey	Cessna 404 Titan - N532NM	242.4	15:58:00	20:58:00	KSTC
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Annen	Leica Terrain Mapper - 90511	246.2	20:18:00	00:18:00	KSTC

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
300	6	10	6,500	Broken	12	-3	30.32

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,896	1,031

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
23	S	21:44:00	21:57:00	13:00:00	20	1	
24	N	22:20:00	22:30:00	10:00:00	19	1	
25	S	22:16:00	22:30:00	14:00:00	19	1.2	
26	N	22:33:00	22:46:00	13:00:00	17	1.2	
27	S	22:52:00	23:05:00	13:00:00	18	1.2	
28	N	23:08:00	23:22:00	14:00:00	18	1	
29	S	23:25:00	23:38:00	13:00:00	18	1.2	
30	N	23:41:00	23:54:00	13:00:00	18	1.2	
31	S	23:56:00	00:09:00	00:13:00	18	1.2	
32	N	00:12:00	00:26:00	00:14:00	18	1.2	

Page 1	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 #
83036	MN Central Miss Chisago	Day142_90515	05/22/2022	142	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Palesznicki	Cessna 404 Titan - N475RC	2872	18:30:00	23:30:00	RST
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90515	16:48	21:43:00	02:40:00	RST

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
10	9	10	7,000	Overcast	12	-1	30.34

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,317

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
37	N	00:31:00	00:44:00		16	1.1	
36	S	00:48:00	01:01:00		15	1.1	
35	N	01:04:00	01:17:00	00:13:00	16	1.1	
34	S	01:21:00	01:34:00	00:13:00	15	1.2	
33	N	01:37:00	01:51:00	00:14:00	16	1.2	
							02:00 System Freeze
							02:04 System Restart

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

System Freeze when tripped on during post mission turns. Tried to cancel line collection and system froze. Had to restart system Hobbs 2874.7 (Will not enter correctly in cell)

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
83036	MN Central Miss Chisago/Blk5	Day143_90515	05/23/2022	143	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Palesznicki	Cessna 404 Titan - N475RC	2874.7	10:06:00	15:06:00	RST
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90515	4:48	13:49:00	18:51:00	RST

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
140	4	10		Clear	11	2	30.38

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
130	5,331	5,988	1,317

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	2000	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
82	N	15:59:00	16:03:00		18	1	Chisago
1	N	16:35:00	16:41:00	00:06:00	15	1.2	BLOCK 5
2	S	16:45:00	16:51:00	00:06:00	14	1.2	
3	N	16:55:00	17:02:00	00:07:00	16	1.1	
4	S	17:06:00	17:23:00	00:17:00	17	1.1	
5	N	17:25:00	17:42:00	00:17:00	15	1.2	

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

Block 5 Specs SPD 160 ALT 7484 SENSOR SPEC: 40 150Hz 1603kHz 100%

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
83036	MN Central Miss Chisago/Blk5/Blk4	Day147_90515	05/27/2022	147	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Gebhart	Cessna 404 Titan - N475RC	2878.2	08:27:00	13:27:00	RST
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90515	2:24	15:43:00	20:43:00	RST

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
330	6	10		Clear	12	9	29.95

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
160	6,562	7,484	1,317

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	150	1600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
38	N	14:22:00	14:35:00		18	1.2	Chisago ReFlight
26	N	14:52:00	15:04:00		17	1.2	Block 5 Start
25	S	15:07:00	15:23:00	00:16:00	17	1.3	
24	N	15:26:00	15:42:00	00:16:00	18	1.1	
23	S	15:45:00	16:01:00	00:16:00	19	1	
22	N	16:04:00	16:21:00	00:17:00	16	1.2	
21	S	16:25:00	16:39:00	00:14:00	15	1.3	Block 5 End
1	N	17:06:00	17:20:00	00:14:00	17	1.1	Block 4 Start
2	S	17:22:00	17:36:00	00:14:00	17	1.2	
3	N	17:39:00	17:53:00	00:14:00	16	1.3	
4	S	17:55:00	18:09:00	00:14:00	16	1.3	
5	N	18:12:00	18:25:00	00:13:00	19	1.1	
6	S	18:28:00	18:41:00	00:13:00	18	1.1	
7	N	18:44:00	18:57:00	00:13:00	19	1.1	
8	S	19:00:00	19:13:00	00:13:00	18	1.3	
9	N	19:16:00	19:29:00	00:13:00	20	1.1	
10	S	19:32:00	19:45:00	00:13:00	21	1	Block 4 End
							SYSTEM FREEZE ON SHUTDOWN
							RESTART SYSTEM FOR FILE DUMP

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

CHISAGO CO, BLOCK5, BLOCK4