Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	WY Laramie County	Day168_90511_1	06/17/2021	168	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Canady	Cessna 404 Titan - N404CP	8401.3	08:41:00	14:42:00	CYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90511	8405.6	01:15:00	19:15:00	CYS

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
280	12	10		Clear	24	4	30.16

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150		13,100	6,160

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	89	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
70	N	15:18:00	15:34:00		23	1.1	
69	S	15:38:00	15:53:00		23	1.1	
68	N	15:58:00	16:13:00	00:15:00	21	1	
67	S	16:16:00	16:31:00	00:15:00	19	1.1	
66	N	16:34:00	16:50:00	00:16:00	16	1.3	MR 16:41
65	S	16:53:00	17:08:00	00:15:00	15	1.6	MR 17:04
64	N	17:12:00	17:27:00	00:15:00	15	1.6	
63	S	17:30:00	17:45:00	00:15:00	17	1.5	
62	N	17:49:00	18:04:00	00:15:00	17	1.2	MR 17:58
61	S	18:08:00	18:23:00	00:15:00	16	1.4	MR 18:12, 18:14, 18:19
60	N	18:26:00	18:40:00	00:14:00	17	1.3	MR 18:28, MP 18:33

Verify S-Turns After Mission	Yes

Additional Comments

MR = Mount Roll MP = Mount Pitch

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	WY Laramie County	Day169_90511_2	06/18/2021	169	2

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Canady	Cessna 404 Titan - N404CP	8405.6	07:31:00	13:31:00	CYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90511	8410.6	12:52:00	18:52:00	CYS

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
320	12	10		Clear	19	7	30.16

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150		13,100	6,160

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	89	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
59	S	14:06:00	14:21:00		20	1.1	Cloud 14:10
58	N	14:24:00	14:41:00		16	1.3	
57	S	14:43:00	14:57:00	00:14:00	20	1.1	
56	N	15:01:00	15:17:00	00:16:00	20	1	
55	S	15:19:00	15:34:00	00:15:00	19	1.1	
54	N	15:37:00	15:53:00	00:16:00	20	1	
53	S	15:56:00	16:11:00	00:15:00	20	1.1	
52	N	16:14:00	16:30:00	00:16:00	24	1	
51	S	16:32:00	16:47:00	00:15:00	19	1.4	Fast 16:34
50	N	16:50:00	17:06:00	00:16:00	17	1.7	
49	S	17:09:00	17:24:00	00:15:00	17	1.7	
48	N	17:27:00	17:42:00	00:15:00	19	1.2	MR 17:30,17:36
47	S	17:45:00	17:59:00	00:14:00	23	1	MR 17:49

Verify S-Turns After Mission	Yes

Additional Comments

MR = Mount Roll MP = Mount Pitch

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	WY Laramie County	Day171_90511	06/20/2021	171	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Canady	Cessna 404 Titan - N404CP	8410.6	07:37:00	13:37:00	CYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90511	8415.5	12:15:00	18:15:00	CYS

Conditions							
Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
350	17	10		Clear	15	3	30

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150		13,100	6,160

Settings					
Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	89	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
87	S	14:08:00	14:14:00		24	1.3	
86	N	14:18:00	14:34:00		24	1.2	
85	S	14:37:00	14:52:00	00:15:00	25	1.1	
84	N	14:56:00	15:12:00	00:16:00	25	1	
83	S	15:15:00	15:30:00	00:15:00	24	1.1	
82	N	15:33:00	15:49:00	00:16:00	27	0.9	
81	S	15:52:00	16:07:00	00:15:00	23	1	
80	N	16:11:00	16:27:00	00:16:00	20	1.1	
79	S	16:30:00	16:45:00	00:15:00	17	1.4	PAV ERROR - SYSTEM RESTART
78	N	17:17:00	17:32:00	00:15:00	20	1.2	Dark Frame Sequence Error (Warning)
77	S	17:35:00	17:50:00	00:15:00	22	1	PAV ERROR - SYSTEM RESTART
							Unable to get back into flight guidance.
							SYSTEM OFF

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 #
81869	WY Laramie County	Day171_90511	06/20/2021	171	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Canady	Cessna 404 Titan - N404CP	8410.6	07:37:00	13:37:00	CYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90511	8415.5	12:15:00	18:15:00	CYS

Conditions							
Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
350	17	10		Clear	15	3	30

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150		13,100	6,160

Settings					
Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	89	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
87	S	14:08:00	14:14:00		24	1.3	
86	N	14:18:00	14:34:00		24	1.2	
85	S	14:37:00	14:52:00	00:15:00	25	1.1	
84	N	14:56:00	15:12:00	00:16:00	25	1	
83	S	15:15:00	15:30:00	00:15:00	24	1.1	
82	N	15:33:00	15:49:00	00:16:00	27	0.9	
81	S	15:52:00	16:07:00	00:15:00	23	1	
80	N	16:11:00	16:27:00	00:16:00	20	1.1	
79	S	16:30:00	16:45:00	00:15:00	17	1.4	PAV ERROR - SYSTEM RESTART
78	N	17:17:00	17:32:00	00:15:00	20	1.2	Dark Frame Sequence Error (Warning)
77	S	17:35:00	17:50:00	00:15:00	22	1	PAV ERROR - SYSTEM RESTART
							Unable to get back into flight guidance.
							SYSTEM OFF

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 #**
81869	WY LARAMIE COUNTY Lidar	Day171_90515_1	06/20/2021	171	1

Crew	Equipment	Time			Airports
Pilot	**Aircraft Make / Model / Tail #**	**Hobbs Start**	**Local Start**	**UTC Start**	**Departing**
LaRocque	Cessna 404 Titan - N532NM	987.2	08:11:00	14:11:00	KCYS
Operator	**Sensor Make / Model / Serial #**	**Hobbs End**	**Local End**	**UTC End**	**Arriving**
Fanning	Leica Terrain Mapper - 90515	991.9	12:14:00	18:14:00	KCYS

Conditions							
Wind Dir (°)	**Wind Speed (kts)**	**Visibility (mi)**	**Ceiling (ft)**	**Cloud Cover**	**Temp. (°C)**	**Dew Point (°C)**	**Pressure ("Hg)**
359	17	10	17,500	Clear	15	3	30

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150	8,202	14,547	6,156

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
20	S	14:11:00	14:28:00	00:17:00	23	1.3	**START WY LARAMIE COUNTY Lidar**
19	N	14:32:00	14:50:00	00:18:00	23	1.2	
18	S	14:53:00	15:10:00	00:17:00	25	1	
17	N	15:14:00	15:31:00	00:17:00	23	1.1	
16	S	15:34:00	15:51:00	00:17:00	25	1	
15	N	15:55:00	16:12:00	00:17:00	22	1	**>CLOUDS FORMING ON NORTH**
10	S	16:16:00	16:33:00	00:17:00	18	1.2	**SIDE OF LINES. ROUTED TO L10 TO**
9	N	16:37:00	16:54:00	00:17:00	16	1.5	**AVOID<**
6	S	16:57:00	17:14:00	00:17:00	17	1.5	
5	N	17:17:00	17:34:00	00:17:00	19	1.2	**>SKIPPED 08 AND 07 DUE TO CLOUDS<**
4	S	17:37:00	17:54:00	00:17:00	21	1	
3	N	17:58:00	18:14:00	00:16:00	21	1.1	

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

WU: 07:51MST **WD: 12:34MST** **2658GB** **CORS UTILIZED!**

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	WY Laramie County	Day173_90511	06/22/2021	173	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Canady	Cessna 404 Titan - N404CP	8415.5	07:30:00	13:39:00	CYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90511	8421.2	01:07:00	19:07:00	CYS

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
270	11	10		Clear	16	3	30

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150		13,100	6,160

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	89	600	100

Verify S-Turns Before Mission	Yes

Line #	Direction	Start Time (UTC)	End Time (UTC)	Time On-Line	Satellite	PDOP	Line Notes/Comments
76	N	13:59:00	14:15:00		19	1.3	
75	S	14:17:00	14:32:00		17	1.3	
74	N	14:35:00	14:51:00	00:16:00	20	1.1	
73	S	14:54:00	15:08:00	00:14:00	18	1.2	
72	N	15:12:00	15:27:00	00:15:00	20	1	
71	S	15:31:00	15:45:00	00:14:00	20	1	
46	N	15:54:00	16:12:00	00:18:00	20	1	
45	S	16:15:00	16:31:00	00:16:00	17	1.3	
44	N	16:35:00	16:54:00	00:19:00	16	1.5	
43	S	16:59:00	17:15:00	00:16:00	17	1.4	
42	N	17:19:00	17:37:00	00:18:00	19	1.2	
41	S	17:40:00	17:56:00	00:16:00	19	1.3	
40	N	17:59:00	18:18:00	00:19:00	20	1.2	
39	S	18:21:00	18:38:00	00:17:00	23	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 #
81869	WY LARAMIE COUNTY Lidar	Day173_90515_1	06/22/2021	173	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
LaRocque	Cessna 404 Titan - N532NM	992.3	08:02:00	14:02:00	KCYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Fanning	Leica Terrain Mapper - 90515	997.2	12:17:00	18:17:00	KCYS

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
260	8	10	12,500	Clear	15	3	30

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150	8,202	14,547	6,156

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
14	S	14:02:00	14:39:00	00:17:00	19	1.3	>PITCH LIMIT REACHED SEVERAL TIMES
13	N	14:23:00	14:41:00	00:18:00	19	1.3	DUE TO HEAVILY SINKING AIR MASS<
12	S	14:44:00	15:00:00	00:16:00	20	1	
11	N	15:03:00	15:22:00	00:19:00	19	1.1	
8	S	15:24:00	15:41:00	00:17:00	20	1	
7	N	15:51:00	16:10:00	00:19:00	21	1	>INITIAL RED ERROR, SEE BELOW.
2	S	16:13:00	16:30:00	00:17:00	17	1.3	STOPPED LINE. RESTART.<
1	N	16:33:00	16:51:00	00:18:00	16	1.5	
30	S	16:59:00	17:15:00	00:16:00	17	1.4	13839'MSL
29	N	17:19:00	17:37:00	00:18:00	19	1.2	
28	S	17:40:00	17:57:00	00:17:00	19	1.3	
27	N	18:01:00	18:17:00	00:16:00	21	1.2	>MODERATE CHOP - 1 ROLL ERROR<

Verify S-Turns After Mission	Yes

Additional Comments

WU: 07:41MST WD: 12:35MST 2262GB GOLD ERROR: NETWORK ERROR STATISTICS COUNT INCREASED: "GNSS/IMU COMMUNICATION ERROR" - WENT AWAY AFTER BOOT UP
09:45MST: RED ERROR:"FAILED TO CHANGE STATE OF LIDAR UNIT" - ERROR CLEARED ITSELF

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	WY Laramie Co	Day174_90511	06/23/2021	174	

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Canady	Cessna 404 Titan - N404CP	8421.2	07:55:00	13:55:00	CYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Denham	Leica Terrain Mapper - 90511	8424.5	11:29:00	17:29:00	CYS

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
260	10	10		Clear	19	3	29.99

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150		13,100	6,160

Settings

Point Spacing (m)	Point Density (ppsm)	Scan Angle/FOV (°)	Scan Frequency (Hz)	Pulse Rate (kHz)	Laser Power (%)
		40	89	600	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	14:25:00	14:43:00		23	1.1	
37	S	14:16:00	15:03:00		22	1.1	
36	N	15:06:00	15:23:00	00:17:00	21	1.1	
35	S	15:26:00	15:43:00	00:17:00	23	0.9	
34	N	15:46:00	16:03:00	00:17:00	18	1.1	
33	S	16:06:00	16:22:00	00:16:00	17	1.2	
32	N	16:25:00	16:41:00	00:16:00	17	1.2	MR 16:21
31	S	16:45:00	17:01:00	00:16:00	14	1.5	

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

PAV Error on Start Up. Smoke in area due to Colorado fires. MR= Mount Roll

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	WY LARAMIE COUNTY Lidar	Day174_90515_1	06/23/2021	174	1

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
LaRocque	Cessna 404 Titan - N532NM	997.2	08:22:00	14:22:00	KCYS
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Fanning	Leica Terrain Mapper - 90515	999.9	10:21:00	16:21:00	KCYS

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
270	10	10	16,000	Broken	19	3	29.99

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150	8,202	13,698	6,156

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
26	S	14:22:00	14:39:00	00:17:00	22	1.2	>MODERATE SMOKE COVER IN AOI,
25	N	14:42:00	15:00:00	00:18:00	23	1.1	PRIMARILY IN THE SOUTH SIDE OF
24	S	15:03:00	15:20:00	00:17:00	21	1.1	THE BLOCK!<
23	N	15:23:00	15:41:00	00:18:00	22	0.9	>RETURNS MAINT. BETTER THAN 92%<
22	S	15:44:00	16:01:00	00:17:00	20	1.1	
21	N	16:04:00	16:21:00	00:17:00	17	1.2	>2 MINOR ROLL ERRORS<

Page 1	Verify S-Turns After Mission	Yes

Additional Comments

WU: 08:02MST WD: 10:40MST 1902GB

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81869	Laramie reflight	Day181_90511_A	06/30/2021	181	A

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Hagen	Cessna 404 Titan - N404CP	8426.9	08:44:00	14:44:00	KCPR
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Ryan	Leica Terrain Mapper - 90511	8431.1	09:01:00	15:01:00	KCPR

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
0	0	10		Clear	14	9	3022

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150	8,202	13,330	5,345

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
46	S	14:44:00	15:01:00	00:17:00	25	1	8428.2 hobbs end

Verify S-Turns After Mission	Yes

Additional Comments

See page 2 for WY converse 81328

Woolpert Lidar Acquisition Log

Project Info			Date		
Project #	Project Name	Unique ID	Flight Date (UTC)	Day of Year	Flight #
81328	WY Converse BLK 12	Day181_90511_A	06/30/2021	181	A

Crew	Equipment	Time			Airports
Pilot	Aircraft Make / Model / Tail #	Hobbs Start	Local Start	UTC Start	Departing
Hagen	Cessna 404 Titan - N404CP	8426.9	08:44:00	14:44:00	KCPR
Operator	Sensor Make / Model / Serial #	Hobbs End	Local End	UTC End	Arriving
Ryan	Leica Terrain Mapper - 90511	8431.1	11:45:00	17:45:00	KCPR

Conditions

Wind Dir (°)	Wind Speed (kts)	Visibility (mi)	Ceiling (ft)	Cloud Cover	Temp. (°C)	Dew Point (°C)	Pressure ("Hg)
0	0	10+		Clear	14	9	3022

Air Speed (kts)	Altitude AGL (ft)	Altitude MSL (ft)	Airfield Elevation (ft)
150	9,842	14,432	5,345

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
66	N	15:37:00	15:51:00	00:14:00	17	1.2	PAV errors begin before start of line
65	S	15:54:00	16:09:00	00:15:00	16	1.3	
64	N	16:11:00	16:26:00	00:15:00	16	1.5	
63	S	16:29:00	16:45:00	00:16:00	17	1.4	
62	N	16:49:00	17:05:00	00:16:00	19	1	
61	S	17:08:00	17:26:00	00:18:00	16	1.2	clouds 7 miles south end
60	N	17:28:00	17:45:00	00:17:00	16	1.3	clouds 7 miles south end

Verify S-Turns After Mission	

Additional Comments

PAV stabiliazion performance low, Mount obstruction, mount rotation range obstructed, calibration file out of date, CH Nadir:Geometric calibration file out of date, in addition to these errors the touch screen buttons on the console are extremely slow to respond.