

Woolpert Lidar Acquisition Log

| Project Info | | | | | | Date | | |
|---|--------------------------------|--------------------|-------------------|-------------------------|------------------|-------------------------------|--|----------|
| Project # | Project Name | | Unique ID | | | Flight Date (UTC) | Day of Year | Flight # |
| 81328 | WY North Converse | | Day217_90515 | | | 08/05/2021 | 217 | |
| Crew | | Equipment | | | Time | | | Airports |
| Pilot | Aircraft Make / Model / Tail # | | | Hobbs Start | Local Start | UTC Start | Departing | |
| LaRocque | Cessna 404 N532NM | | | 6 | 08:28:00 | 14:28:00 | CPR | |
| Operator | Sensor Make / Model / Serial # | | | Hobbs End | Local End | UTC End | Arriving | |
| Denham | Leica Terrain Mapper - 90515 | | | 10.2 | 12:56:00 | 18:56:00 | CPR | |
| Conditions | | | | | | | | |
| Wind Dir (°) | Wind Speed (kts) | Visibility (mi) | Ceiling (ft) | Cloud Cover | Temp. (°C) | Dew Point (°C) | Pressure ("Hg) | |
| 240 | 7 | 8 | | Clear | 17 | 8 | 30.19 | |
| Air Speed (kts) | | Altitude AGL (ft) | Altitude MSL (ft) | Airfield Elevation (ft) | | | | |
| 150 | | | 12,346 | 5,344 | | | | |
| 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 | |
| 14 | N | 15:06:00 | 15:22:00 | | 18 | 1.4 | Blk11 MR 15:13,15:17 | |
| 49 | S | 15:34:00 | 15:36:00 | | 20 | 1.2 | Blk11 | |
| 63 | N | 15:46:00 | 15:48:00 | 00:02:00 | 20 | 1,2 | Blk11 | |
| 29 | N | 15:59:00 | 16:01:00 | 00:02:00 | 18 | 1.3 | Blk10 | |
| 34 | N | 16:17:00 | 16:24:00 | 00:07:00 | 22 | 1.2 | Blk9 | |
| 1 | S | 17:13:00 | 17:30:00 | 00:17:00 | 21 | 1.2 | Blk6 MR17:13 | |
| 2 | N | 17:33:00 | 17:50:00 | 00:17:00 | 20 | 1.4 | MR 17:36 | |
| 3 | S | 17:53:00 | 17:59:00 | 00:06:00 | 21 | 1.1 | MR 17:53,17:57 Cloud 17:58 Sensor Stopped 17:59 | |
| | | | | | | Page 1 | Verify S-Turns After Mission | Yes |
| Additional Comments | | | | | | | | |
| Block 9,10,11 ReFlights. Block 6 MR= Mount Roll | | | | | | | | |





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| Project Info | | | | | | Date | | | |
|---------------------|----------------------|--------------------------------|----------------|---------------------|-------------------------|-------------------|---|-------------------------------|-----|
| Project # | Project Name | | | Unique ID | | Flight Date (UTC) | Day of Year | Flight # | |
| 81328 | North Converse WY | | | Day265_90511_A | | 09/21/2020 | 265 | A | |
| Crew | | Equipment | | | Time | | | Airports | |
| Pilot | | Aircraft Make / Model / Tail # | | | Hobbs Start | Local Start | UTC Start | Departing | |
| Diepenbroek | | Cessna 404 Titan - N404CP | | | 8033.7 | 07:33:00 | 13:33:00 | LAR | |
| Operator | | Sensor Make / Model / Serial # | | | Hobbs End | Local End | UTC End | Arriving | |
| Stanton | | Leica Terrain Mapper - 90511 | | | 8038.7 | 12:45:00 | 18:45:00 | LAR | |
| Conditions | | | | | | | | | |
| Wind Dir (°) | Wind Speed (kts) | Visibility (mi) | Ceiling (ft) | Cloud Cover | Temp. (°C) | Dew Point (°C) | Pressure ("Hg) | | |
| 190 | 3 | 10 | 40,000 | Clear | 7 | 2 | 30.16 | | |
| Air Speed (kts) | | Altitude AGL (ft) | | Altitude MSL (ft) | Airfield Elevation (ft) | | | | |
| 150 | | 8,202 | | 12,303 | 4,365 | | | | |
| 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 | | |
| 13 | S | 14:02:00 | 14:19:00 | | 22 | 1.1 | Block 10, Clear with lt haze from smoke | | |
| 14 | N | 14:22:00 | 14:39:00 | | 23 | 1.1 | | | |
| 15 | S | 14:41:00 | 14:58:00 | 00:17:00 | 20 | 1.2 | | | |
| 16 | N | 15:01:00 | 15:18:00 | 00:17:00 | 20 | 1.1 | | | |
| 17 | S | 15:20:00 | 15:36:00 | 00:16:00 | 18 | 1.4 | | | |
| 18 | N | 15:39:00 | 15:56:00 | 00:17:00 | 21 | 1.2 | | | |
| 19 | S | 15:58:00 | 16:15:00 | 00:17:00 | 21 | 1.2 | | | |
| 20 | N | 16:17:00 | 16:34:00 | 00:17:00 | 20 | 1.2 | | | |
| 21 | S | 16:36:00 | 16:53:00 | 00:17:00 | 19 | 1.4 | | | |
| 22 | N | 16:55:00 | 17:12:00 | 00:17:00 | 19 | 1.3 | | | |
| 23 | S | 17:14:00 | 17:31:00 | 00:17:00 | 18 | 1.4 | | | |
| 24 | N | 17:33:00 | 17:50:00 | 00:17:00 | 18 | 1.3 | | | |
| 25 | S | 17:52:00 | 18:09:00 | 00:17:00 | 19 | 1.2 | | | |
| 26 | N | 18:11:00 | 18:27:00 | 00:16:00 | 19 | 1 | | | |
| | | | | | | | | Verify S-Turns After Mission | Yes |
| Additional Comments | | | | | | | | | |
| | | | | | | | | | |

