



Fugro USA Land, Inc.

18.012

| | Lift Begin | | | Lift End | | | Flt Duration | Flt Hrs | Hobbs Hrs | Activity |
|---|------------|--------|--------|----------|--------|--------|--------------|---------|-----------|-----------------|
| | Airport | Chocks | Hobbs | Airport | Chocks | Hobbs | | | | |
| 1 | KCXO | 5:40 | 7795.0 | KCXO | 9:46 | 7799.1 | 4:06 | 4.00 | 4.1 | 0900-Production |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |

Riegl
Flight Log
AO80-50-00-02

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|---|--|--------------------------|---------------------------|----------------------|----------------------|-------------------------------|---------------------------|------------------|------------------------------|-----------------------------------|---------------------------|---------------------------------------|------------------------------|---|
| FGI Job # 04.17004800 | Project Name Coastal Lidar for Texas | | | | System 780 | Unit 421 | IMU FMU-300 | | | Ground Temp °C 7.0 5.0 | Min Range' 2018 | Data Logger Drives DR680-17 | | |
| Flight Date 8-Mar-18 | GPS Day 18-067 | Lift 28 | | | Sun° - | Solar Times (UTC) - | Pulse Rate 250k | | | Flying Temp °C 9.0 10.0 | Max Range' 3888 | Download Drive NS1TB-57 | | |
| Mission ID (yymmdd_Sen_Job_Lift) 180308_421_17004800_28 | | Aircraft N76JN | Airport ID KCXO | FMS CCNS 8 | UTC -6 | AMT (ft) 3250 | Speed 140 | FOV 60 | Scan Rate (Hz) 100 | MTA 2 | km/WPT 0.438 | Alt Setting 30.13 30.06 | Humidity @ Alt 79% | Shipping Track 7717 6226 3444 |

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|--------------------------------|----------|--------------------------------------|-------------|
| Pilot #1 Randy Green | Pilot #2 | Operator #1 Jacob Amundson | Operator #2 |
|--------------------------------|----------|--------------------------------------|-------------|

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|------------------------------|-------------------------|-------------------------|-------------------------|-----------------------|--|---|---------------------------------------|-----------------------------------|------------------------|
| Base 1 ID FGI 1024 | Location KCXO | Rec ID GR3 U6 | Ant ID Unit 6 | ARP (m) 1.8 | Start Time (UTC) 09-Mar-18 01:57 | Stop Time (UTC) 09-Mar-18 10:01 | GPS Filename Unit60309b.tps | Operator Jacob Amundson | Data With AB |
|------------------------------|-------------------------|-------------------------|-------------------------|-----------------------|--|---|---------------------------------------|-----------------------------------|------------------------|

| Area | Flight # | | Wpt | | Distance | | UTC | | Flt Dir | Altitude (GPS) | Speed (knots) | Scan Rate | Comments and Conditions | SVs | PDOP |
|---------|----------|--------|------|-----|----------|------|---------|---------|---------|----------------|---------------|-----------|-------------------------|-----|------|
| | FGI | Client | From | To | Begin | End | Start | End | | | | | | | |
| | | | | | | | 5:44:19 | 5:49:19 | | | | | GROUND STATIC | 17 | 1.2 |
| | | | | | | | 5:56:51 | | | | | | ALIGNMENT TURNS | 17 | 1.2 |
| TX2pAgX | 3 | | 52 | 63 | 22.3 | 27.2 | 6:03:27 | 6:05:34 | E | 3,190 | 134 | 100.0 | CROSSING LINE | 17 | 1.2 |
| TX2pAgB | 9 | | 128 | 1 | 55.6 | 0 | 6:13:04 | 6:36:34 | S | 3,225 | 131 | 100.0 | PARTIAL LINE | 17 | 1.2 |
| | 10 | | 1 | 155 | 0 | 67.5 | 6:40:09 | 7:02:32 | N | 3,130 | 136 | 100.0 | | 18 | 1.1 |
| | 11 | | 132 | 1 | 57.4 | 0 | 7:07:59 | 7:26:56 | S | 3,160 | 138 | 100.0 | | 18 | 1.1 |
| | 11 | | 1 | 10 | 0 | 3.9 | 7:30:44 | 7:32:28 | N | 3,140 | 140 | 100.0 | CALIBRATION LINE | 16 | 1.2 |
| | 12 | | 1 | 132 | 0 | 57.4 | 7:39:44 | 7:58:37 | N | 3,195 | 138 | 100.0 | | 16 | 1.2 |
| | 13 | | 132 | 1 | 57.4 | 0 | 8:03:27 | 8:22:34 | S | 3,175 | 132 | 100.0 | | 17 | 1.1 |
| | 14 | | 1 | 132 | 0 | 57.4 | 8:25:58 | 8:44:49 | N | 3,105 | 140 | 100.0 | | 17 | 1.1 |
| | 15 | | 132 | 1 | 57.4 | 0 | 8:49:05 | 9:07:52 | S | 3,170 | 137 | 100.0 | | 17 | 1.0 |
| | 16 | | 1 | 132 | 0 | 57.4 | 9:10:20 | 9:29:17 | N | 3,220 | 138 | 100.0 | | 17 | 1.1 |
| | | | | | | | 9:29:34 | | | | | | ALIGNMENT TURNS | 16 | 1.1 |
| | | | | | | | 9:40:59 | 9:45:59 | | | | | GROUND STATIC | 16 | 1.2 |
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