



Fugro USA Land, Inc.

| 18.01 | Lift Begin | | | Lift End | | | Flt Duration | Flt Hrs | Hobbs Hrs | Activity |
|-------|------------|--------|-------|----------|--------|-------|--------------|---------|-----------|-----------------|
| | Airport | Chocks | Hobbs | Airport | Chocks | Hobbs | | | | |
| 1 | KLBX | 18:05 | 903.4 | KLBX | 21:25 | 906.3 | 3:20 | 3.25 | 2.9 | 0900-Production |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |

Riegl
Flight Log
AO80-50-00-02

| | | | | | | | | | | | | | | |
|---|--|--------------------------|---------------------------|----------------------|-----------------------|-------------------------|--------------------------|-----|------------------------------|---|---------------------------|--|-----------------------------|---------------------------------------|
| FGI Job # 17004800 | Project Name Coastal Lidar for Texas | | | | System 680i | Unit 165 | IMU FMU-300 | | | Ground Temp °C 17.0 20.0 | Min Range' 1542 | Data Logger Drives 12 | | |
| Flight Date 29-Jan-18 | GPS Day 18-029 | Lift 16 | | | Sun° | Solar Times (UTC) | Pulse Rate 130 | | | Flying Temp °C 10.0 8.0 | Max Range' 2933 | Download Drive NS1TB-67 | | |
| Mission ID (yymmdd_Sen_Job_Lift) 180129_165_17004800_16 | | Aircraft N97HC | Airport ID KLBX | FMS CCNS 5 | UTC -6 | AMT (ft) 2400 | Speed 130 | FOV | Scan Rate (Hz) 330 | MTA 2 | km/WPT 0.440 | Alt Setting 30.43 30.35 | Humidity @ Alt 31 | Shipping Track 771353858869 |

| | | | |
|---------------------------------|----------|-------------------------------------|-------------|
| Pilot #1 Billy Wilson | Pilot #2 | Operator #1 Riley Forsyth | Operator #2 |
|---------------------------------|----------|-------------------------------------|-------------|

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|--------------------------|-----------------------------------|------------------------|------------------------|-----------------------|------------------|-----------------|-----------------------------------|--------------------------------|------------------------|
| Base 1 ID 1044 | Location Brookshire, TX | Rec ID GR3-4 | Ant ID GR3-4 | ARP (m) 1.8 | Start Time (UTC) | Stop Time (UTC) | GPS Filename Unit40129m | Operator Lee Scadden | Data Shipped |
|--------------------------|-----------------------------------|------------------------|------------------------|-----------------------|------------------|-----------------|-----------------------------------|--------------------------------|------------------------|

| 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 | | | | | | | |
| | | | | | | | 18:10:00 | 18:15:00 | | | | | Ground static at KLBX | 18 | 1.0 |
| | | | | | | | 19:12:00 | 19:17:00 | | | | | overfly basestation 1044 | 17 | 1.1 |
| | | | | | | | 19:24:00 | | | | | | s turn | 14 | 1.5 |
| TX4pX | 5 | | 66 | 20 | 28.6 | 8.4 | 19:28:02 | 19:34:04 | W | 2,371 | 117 | | cross tie line | 15 | 1.4 |
| TX4pD | 12 | | 1 | 150 | 0 | 65.6 | 19:40:52 | 19:52:25 | N | 2,551 | 102 | | data no good | 15 | 1.3 |
| TXp4X | 7 | | 95 | 1 | 41.4 | 0 | 19:56:18 | 20:07:32 | W | 2,590 | 120 | | cross tie line | 15 | 1.3 |
| TXp4C | 1 | | 16 | 1 | 6.6 | 0 | 20:11:05 | 20:13:01 | S | 2,778 | 129 | | | 16 | 1.2 |
| | 2 | | 1 | 16 | 0 | 6.6 | 20:20:13 | 20:22:21 | N | 2,719 | 123 | | | 16 | 1.3 |
| | 2 | | 16 | 1 | 6.6 | 0 | 20:25:08 | 20:26:58 | S | 2,799 | 129 | | calibration | 17 | 1.1 |
| | 3 | | 1 | 16 | 0 | 6.6 | 20:30:09 | 20:32:17 | N | 2,727 | 111 | | | 17 | 1.1 |
| | 4 | | 19 | 1 | 7.9 | 0 | 20:35:25 | 20:37:37 | S | 2,843 | 135 | | overspeed | 16 | 1.2 |
| | | | | | | | 20:37:58 | | | | | | s turn | 15 | 1.3 |
| | | | | | | | 20:54:00 | 20:59:00 | | | | | overfly basestation 1044 | 15 | 1.4 |
| | | | | | | | 21:18:00 | 21:23:00 | | | | | Ground static at KLBX | 14 | 1.2 |