




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	0:32	2149.8	KCXO	3:40	2152.5	3:08	3.25	2.7	0900-Production
2										
3										



**Riegl**  
**Flight Log**  
AO80-50-00-02

FGI Job # <b>04.17004800</b>	Project Name <b>Coastal Lidar for Texas</b>		System <b>780</b>	Unit <b>421</b>	IMU <b>FMU-300</b>				Ground Temp °C <b>18.0 8.0</b>		Min Range' <b>1542</b>	Data Logger Drives <b>01</b>		
Flight Date <b>13-Mar-18</b>	GPS Day <b>18-072</b>	Lift <b>31</b>			Sun° <b>-</b>	Solar Times (UTC) <b>-</b>		Pulse Rate <b>330k</b>		Flying Temp °C <b>15.0 15.0</b>		Max Range' <b>2933</b>	Download Drive <b>AP1TB#38</b>	
Mission ID (yymmdd_Sen_Job_Lift) <b>180313_421_17004800_31</b>		Aircraft <b>N88N</b>	Airport ID <b>KCXO</b>	FMS <b>CCNS 7</b>	UTC <b>-5</b>	AMT (ft) <b>2400</b>	Speed <b>130</b>	FOV <b>60</b>	Scan Rate (Hz) <b>130</b>	MTA <b>2</b>	km/WPT <b>0.419</b>	Alt Setting <b>30.20 30.26</b>	Humidity @ Alt <b>38%</b>	Shipping Track <b>7800 4038 0495</b>

Pilot #1 <b>Kevin Ellington</b>	Pilot #2	Operator #1 <b>Jacob Amundson</b>	Operator #2
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Base 1 ID <b>FGI 1024</b>	Location <b>KCXO</b>	Rec ID <b>GR3 U6</b>	Ant ID <b>Unit 6</b>	ARP (m) <b>1.8</b>	Start Time (UTC) <b>13-Mar-18 23:59</b>	Stop Time (UTC) <b>14-Mar-18 03:39</b>	GPS Filename <b>Unit60313x.tps</b>	Operator <b>Jacob Amundson</b>	Data <b>With AB</b>
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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							
							0:37:14	0:42:14					GROUND STATIC	18	1.2
							0:54:37						ALIGNMENT TURNS	18	1.2
TX4pA	67		27	32	10.9	13	0:57:27	0:58:21	N	2,450	112	130.0	RE-FLT	19	1.1
	65		26	21	10.5	8.4	1:02:31	1:03:40	S	2,410	127	130.0	RE-FLT	19	1.1
	47		48	53	19.7	21.8	1:08:51	1:09:57	N	2,415	125	130.0	RE-FLT	20	1.0
	42		45	40	18.4	16.3	1:21:08	1:22:10	S	2,430	130	130.0	RE-FLT	20	1.0
	41		55	60	22.6	24.7	1:25:37	1:26:51	N	2,490	108	130.0	RE-FLT	19	1.0
	21		77	72	31.8	29.7	1:32:14	1:33:19	S	2,500	129	130.0	RE-FLT	20	0.9
	21		72	77	29.7	31.8	1:35:49	1:37:16	N	2,495	101	130.0	CALIBRATION LINE	19	0.9
	40		96	101	39.8	41.9	1:45:44	1:46:57	N	2,425	122	130.0	RE-FLT	17	1.1
	43		119	114	47.3	49.4	1:54:25	1:55:19	S	2,465	126	130.0	RE-FLT	16	1.1
	45		120	125	49.9	52	1:57:30	1:58:26	N	2,465	115	130.0	RE-FLT	16	1.2
	66		138	133	57.4	55.3	2:03:44	2:04:42	S	2,430	130	130.0	RE-FLT	16	1.2
	9		107	112	44.4	46.5	2:18:56	2:20:12	N	2,515	113	130.0	RE-FLT	15	1.2
	10		121	1	50.3	0	2:23:26	2:37:20	S	2,475	126	130.0	RE-FLT	18	1.1
TX4pD	64		154	149	64.1	62	2:42:57	2:43:59	S	2,465	118	130.0	RE-FLT	18	1.0
	58		136	141	56.6	58.7	2:46:29	2:47:42	N	2,425	110	130.0	RE-FLT	18	1.0
	57		126	121	52.4	50.3	2:50:28	2:51:58	S	2,475	124	130.0	RE-FLT	18	1.0
	56		117	168	48.6	70	2:54:04	3:01:13	N	2,450	98	130.0	RE-FLT	16	1.1
	54		165	160	68.7	66.6	3:04:11	3:05:44	S	2,465	120	130.0	RE-FLT	16	1.0
TX4pX	9		25	50	10.1	20.5	3:09:48	3:13:26	E	2,475	117	130.0	CROSSING LINE	18	0.9
							3:13:31						ALIGNMENT TURNS	16	1.0



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	Airport	Chocks	Hobbs	Airport	Chocks	Hobbs	Duration	Hrs	Hrs	
1	KCXO	0:32	2149.8	KCXO	3:40	2152.5	3:08	3.25	2.7	0900-Production
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Flight Date <b>13-Mar-18</b>	GPS Day <b>18-072</b>	Lift <b>31</b>			Sun° <b>-</b>	Solar Times (UTC) <b>-</b>	Pulse Rate <b>330k</b>			Flying Temp °C <b>15.0   15.0</b>		Max Range' <b>2933</b>	Download Drive <b>AP1TB#38</b>	
Mission ID (yymmdd_Sen_Job_Lift) <b>180313_421_17004800_31</b>		Aircraft <b>N88N</b>	Airport ID <b>KCXO</b>	FMS <b>CCNS 7</b>	UTC <b>-5</b>	AMT (ft) <b>2400</b>	Speed <b>130</b>	FOV <b>60</b>	Scan Rate (Hz) <b>130</b>	MTA <b>2</b>	km/WPT <b>0.419</b>	Altm Setting <b>30.20   30.26</b>	Humidity @ Alt <b>38%</b>	Shipping Track <b>7800 4038 0495</b>
Pilot #1 <b>Kevin Ellington</b>		Pilot #2		Operator #1 <b>Jacob Amundson</b>		Operator #2								

Base 1 ID <b>FGI 1024</b>	Location <b>KCXO</b>	Rec ID <b>GR3 U6</b>	Ant ID <b>Unit 6</b>	ARP (m) <b>1.8</b>	Start Time (UTC) <b>13-Mar-18 23:59</b>	Stop Time (UTC) <b>14-Mar-18 03:39</b>	GPS Filename <b>Unit60313x.tps</b>	Operator <b>Jacob Amundson</b>	Data <b>With AB</b>
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Area	Flight #		Wpt		Distance		UTC		Flt	Altitude	Speed	Scan	Comments and Conditions	SVs	PDOP
	FGI	Client	From	To	Begin	End	Start	End	Dir	(GPS)	(knots)	Rate			
							3:34:32	3:39:32					GROUND STATIC	19	1.0