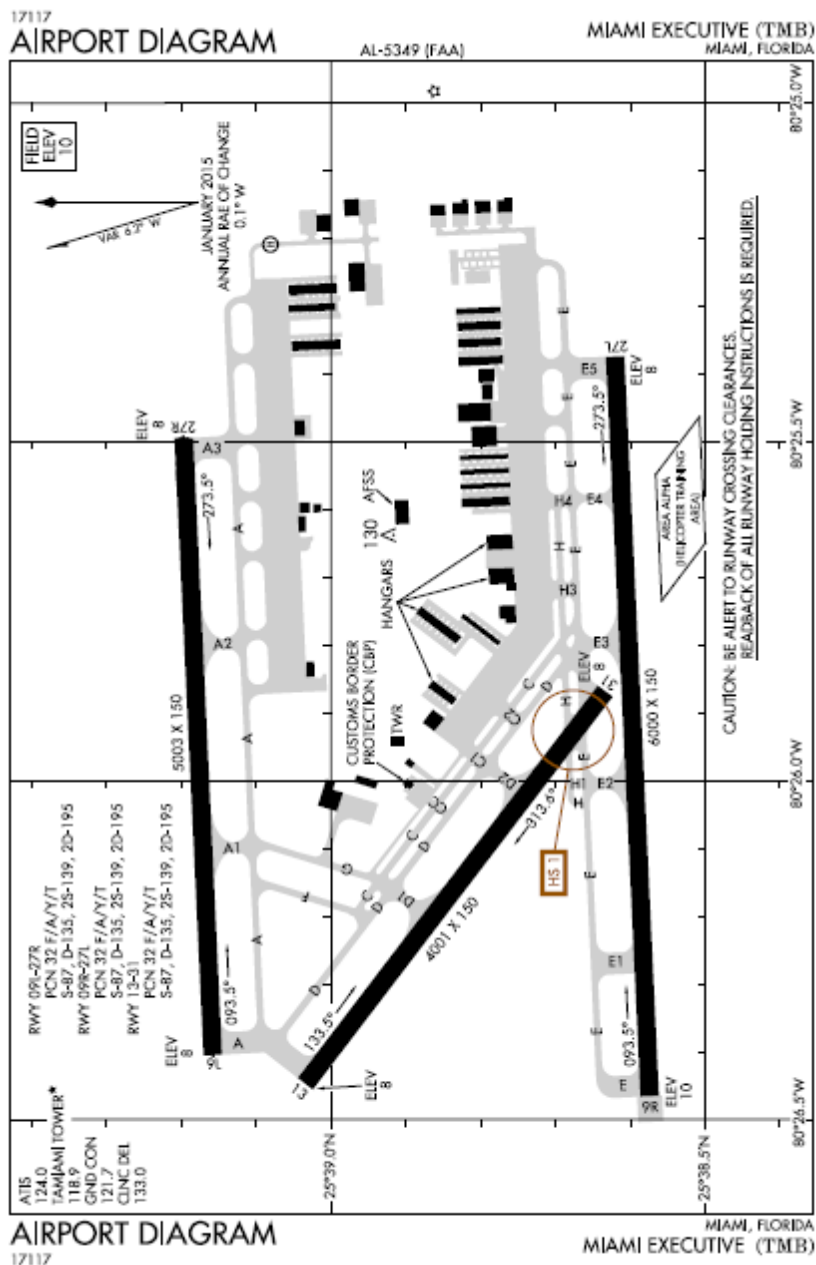


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N49453  
Cessna 152  
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About 2039 eastern daylight time (EDT), the pilot of N49453 called the Miami Executive Airport (TMB) ground controller (GC) requesting taxi for departure. The GC instructed N49453 to taxi to runway 9 right via taxiway E and to cross runway 13 enroute.

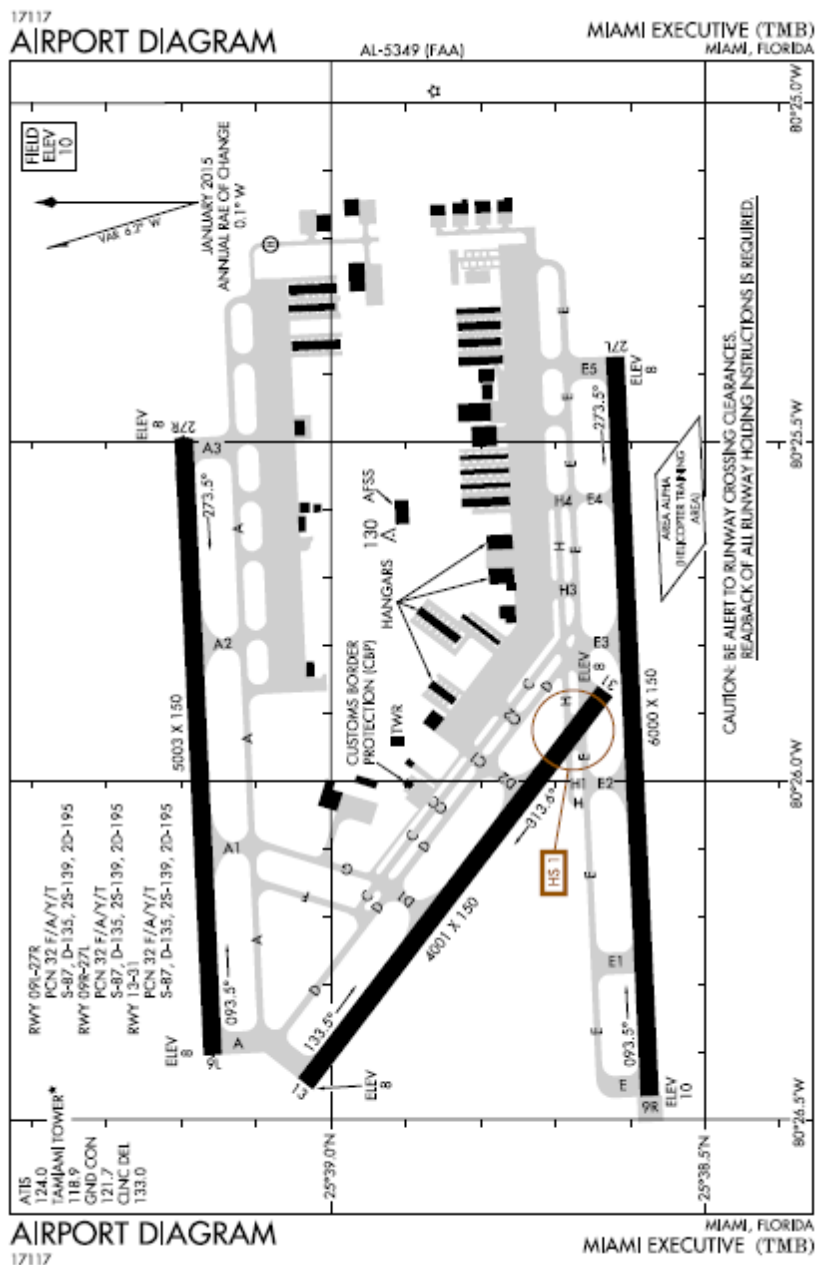
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About 2049 EDT, the pilot of N49453 advised the GC that he was at runway 9 right. The GC advised the pilot of the local control frequency of 118.9. The pilot acknowledged.

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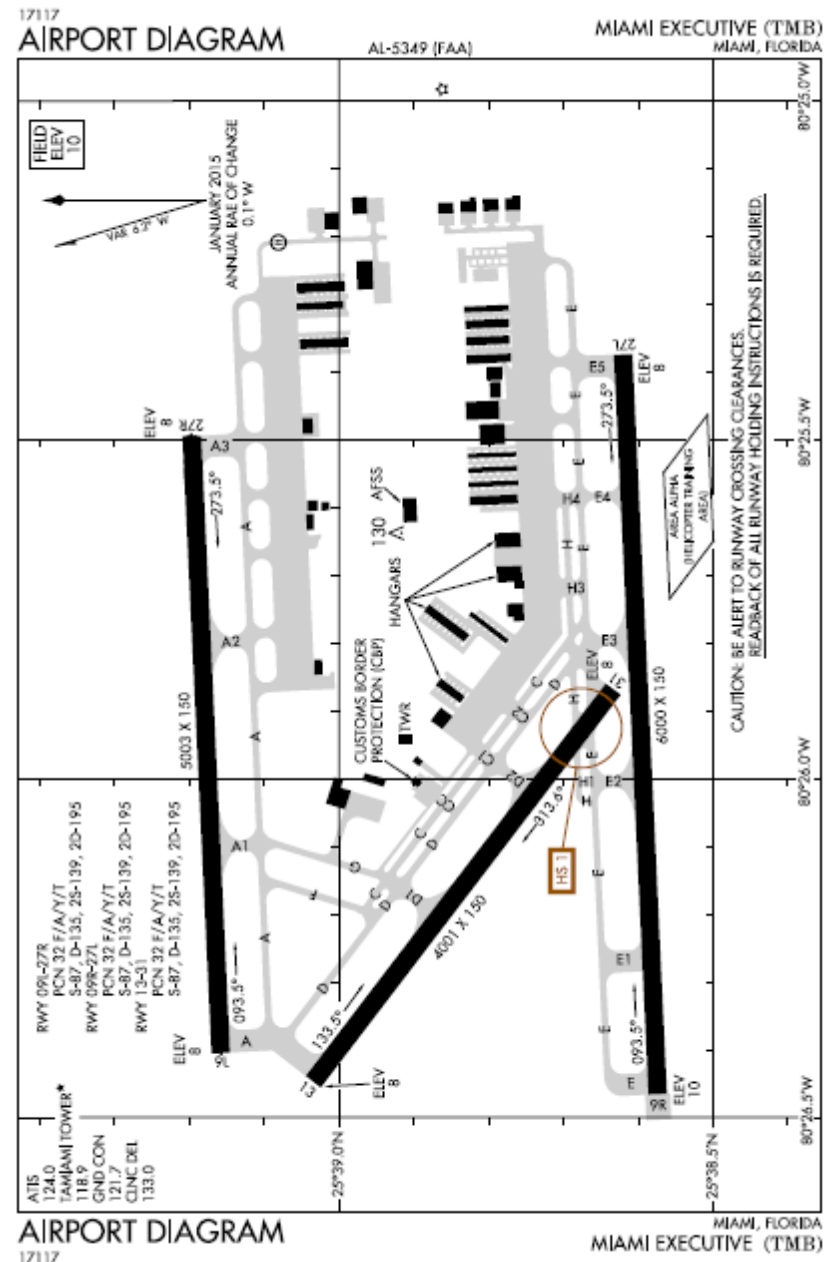
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About 2049 EDT, the pilot of N49453 advised the GC that he was at runway 9 right. The GC advised the pilot of the local control frequency of 118.9. The pilot acknowledged.

About 2050 EDT the TMB local controller (LC) instructed the pilot of N49453 to turn right, southwest, issued a takeoff clearance and advised that landing traffic was two miles on final. The pilot of N49453 acknowledged his takeoff clearance.

There were no known further communications between ATC and N49453.

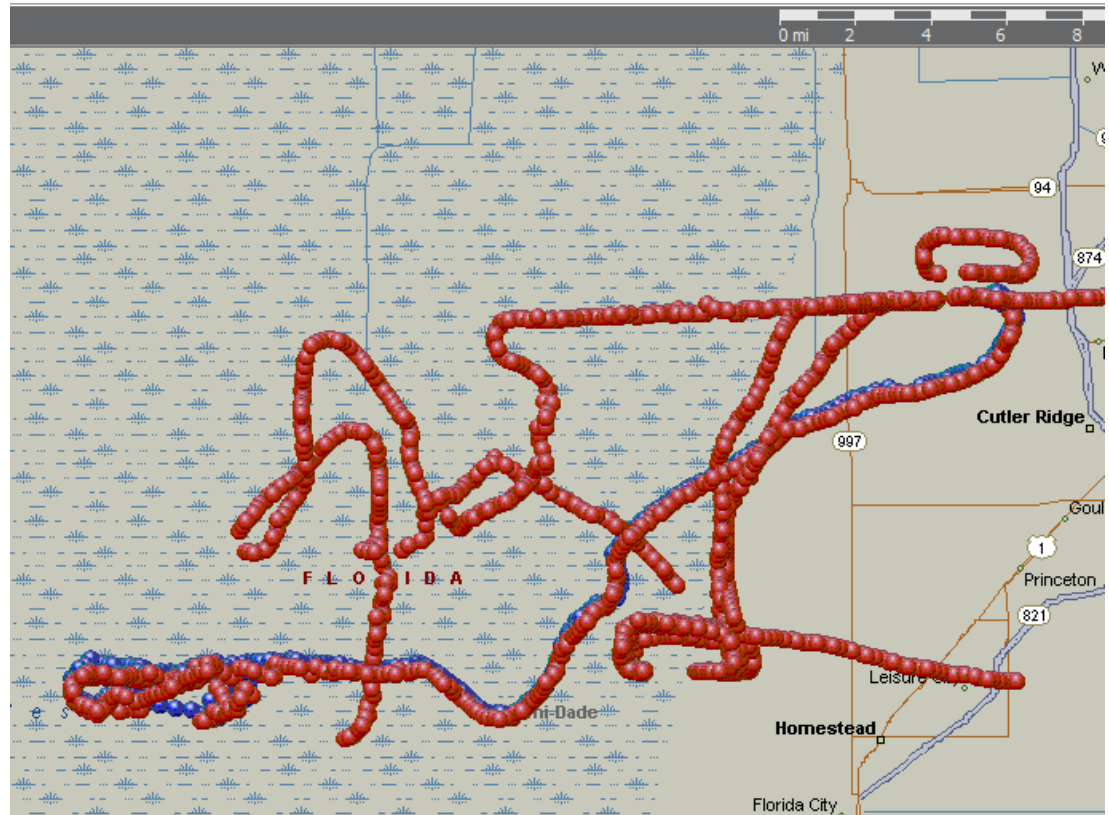
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The data was derived from Harris OpsVue and corroborated with the Miami air surveillance radar (ASR-9) located at 25:47:52N/080:17:36.3W

The Excelis OpsVue flight track is overlaid on a map point diagram indicated by blue dots. The MIA ASR radar data is indicated by red dots.



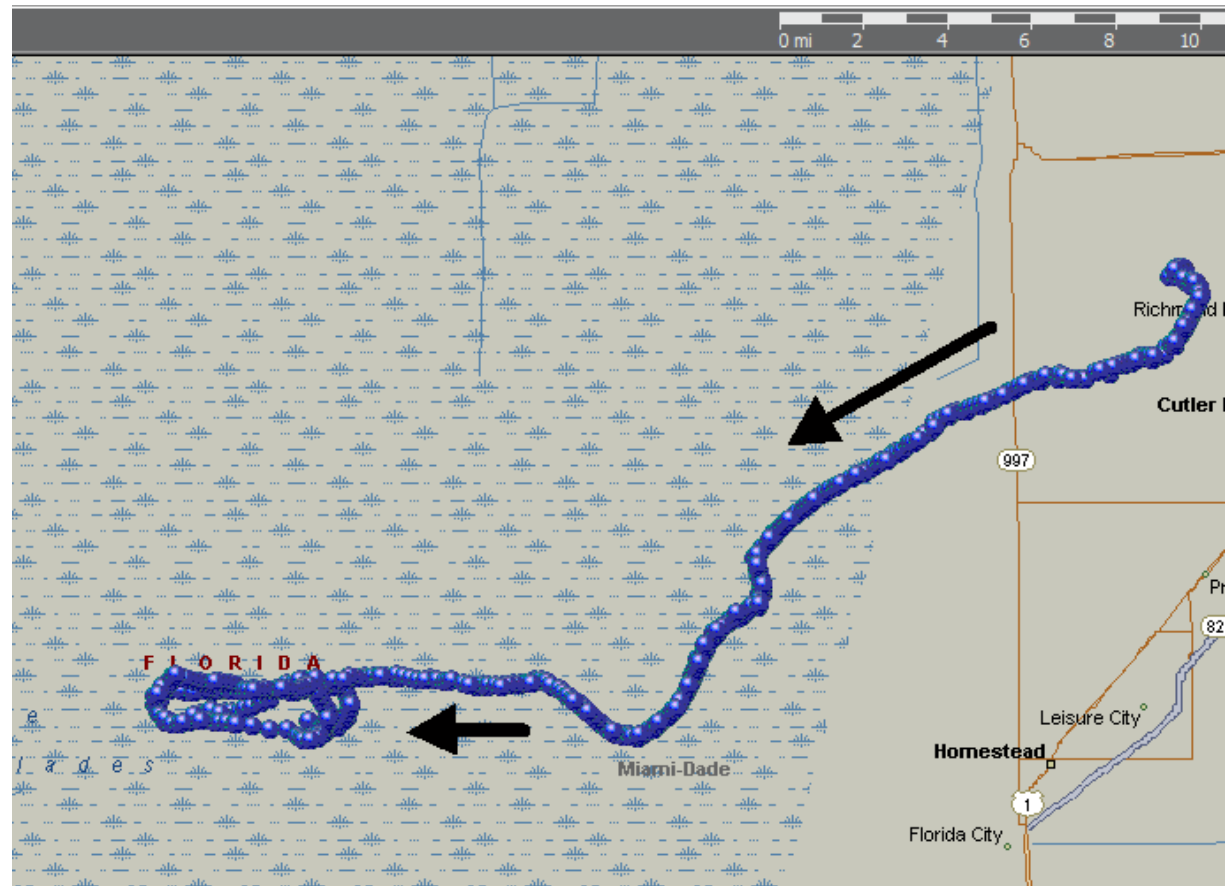
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The data was derived from Harris OpsVue and corroborated with the Miami air surveillance radar (ASR-9) located at 25:47:52N/080:17:36.3W

The Excelis OpsVue flight track is overlaid on a map point diagram indicated by blue dots.

The flight track originates at the TMB airport and ends within the confines of Alert Area A-291D.

Route of flight indicated by black arrows.



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The suspected flight track of N49453 is displayed as a green line. This flight track correlates to the suspected flight track and accident location of N49453

The data was derived from Harris OpsVue and corroborated with the Miami air surveillance radar (ASR-9) located at 25:47:52N/080:17:36.3W

The flight track is overlaid on a VFR sectional chart.

The flight track originates at the TMB airport and ends within the confines of Alert Area A-291D.



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The suspected flight track of N49453 is displayed as a green line. This flight track correlates to the suspected flight track and accident location of N49453. The first radar track target, associated with the suspected flight track of N49453, is indicated in green at 675 feet mean sea level, on a heading of 099° at 40 knots indicated ground speed.

The data was derived from Harris OpsVue and corroborated with the Miami air surveillance radar (ASR-9) located at 25:47:52N/080:17:36.3W

The flight track is overlaid on a low level IFR chart.

The flight track originates at the TMB airport and ends within the confines of Alert Area A-291D.



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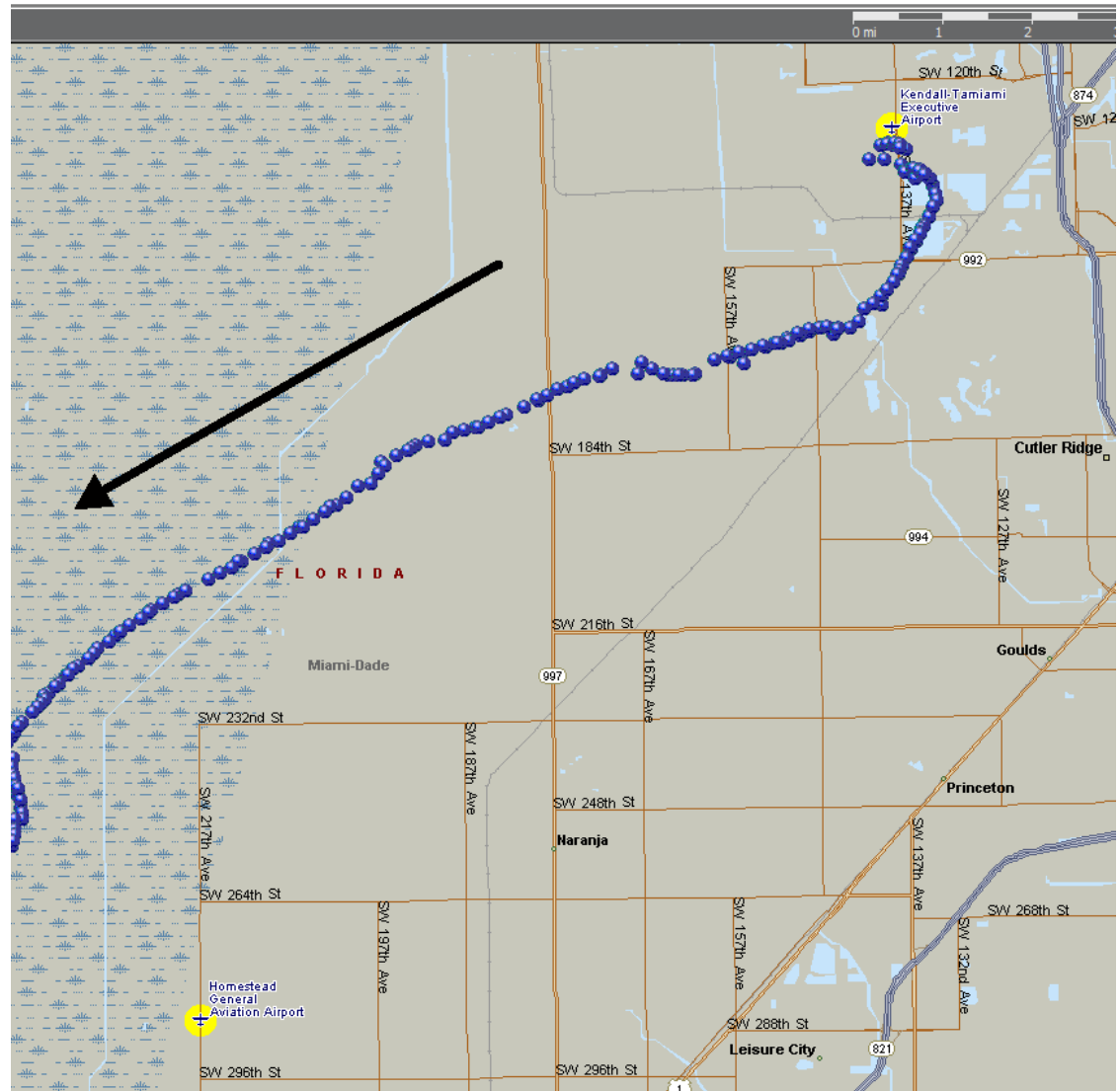
ERA17FA231

The suspected flight track of N49453 is indicated by blue dots. Direction of flight is indicated by a black arrow.

TMB and the Homestead General Aviation airport (X51) are highlighted in yellow.

The flight track originates at the TMB airport and ends within the confines of Alert Area A-291D.

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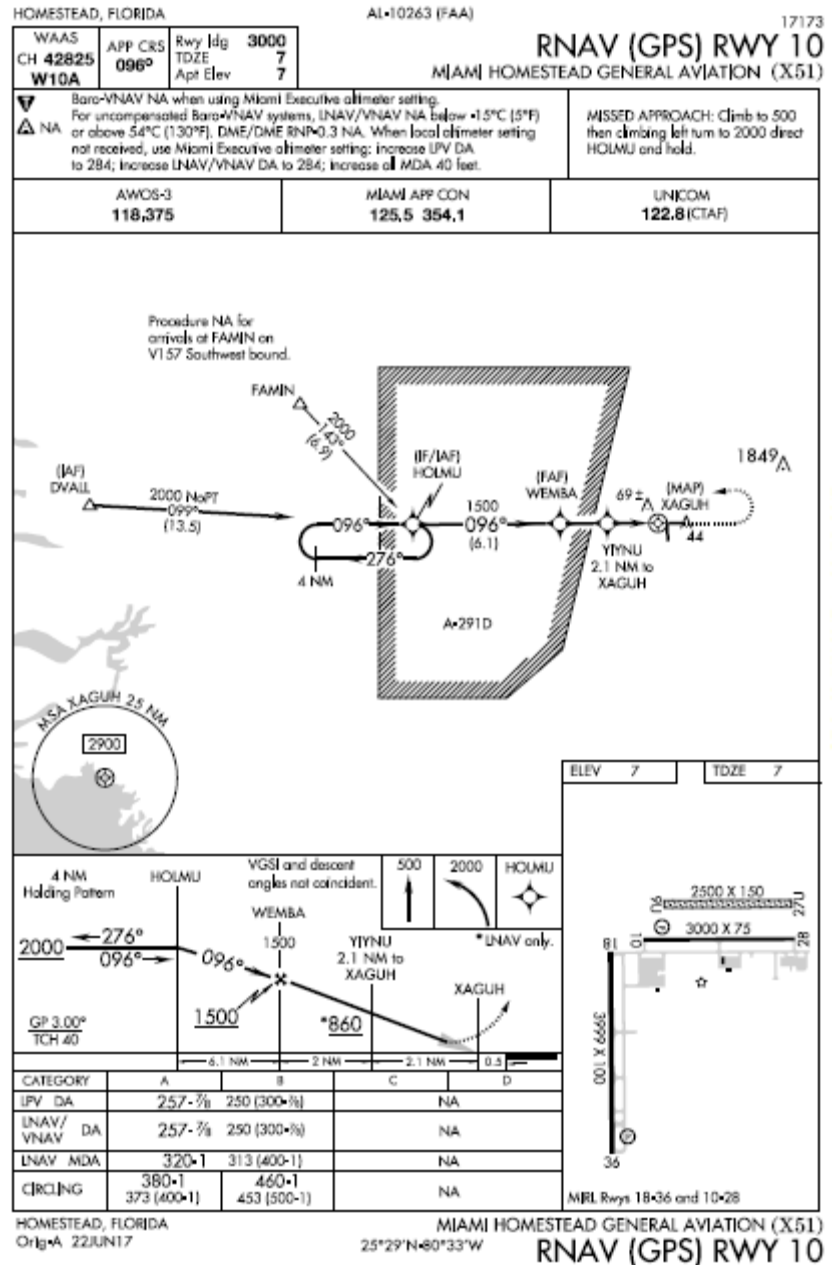


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The suspected track of N49453 indicated that the aircraft departed TMB and flew southwest toward the initial fix/initial approach fix (IF/IAF) for the RNAV (GPS) Runway 10 approach to X51.

The HOLMU fix was located at 23:30:05.89N/080:45:05.93W on the X51 096° radial 8.2 miles from X51.

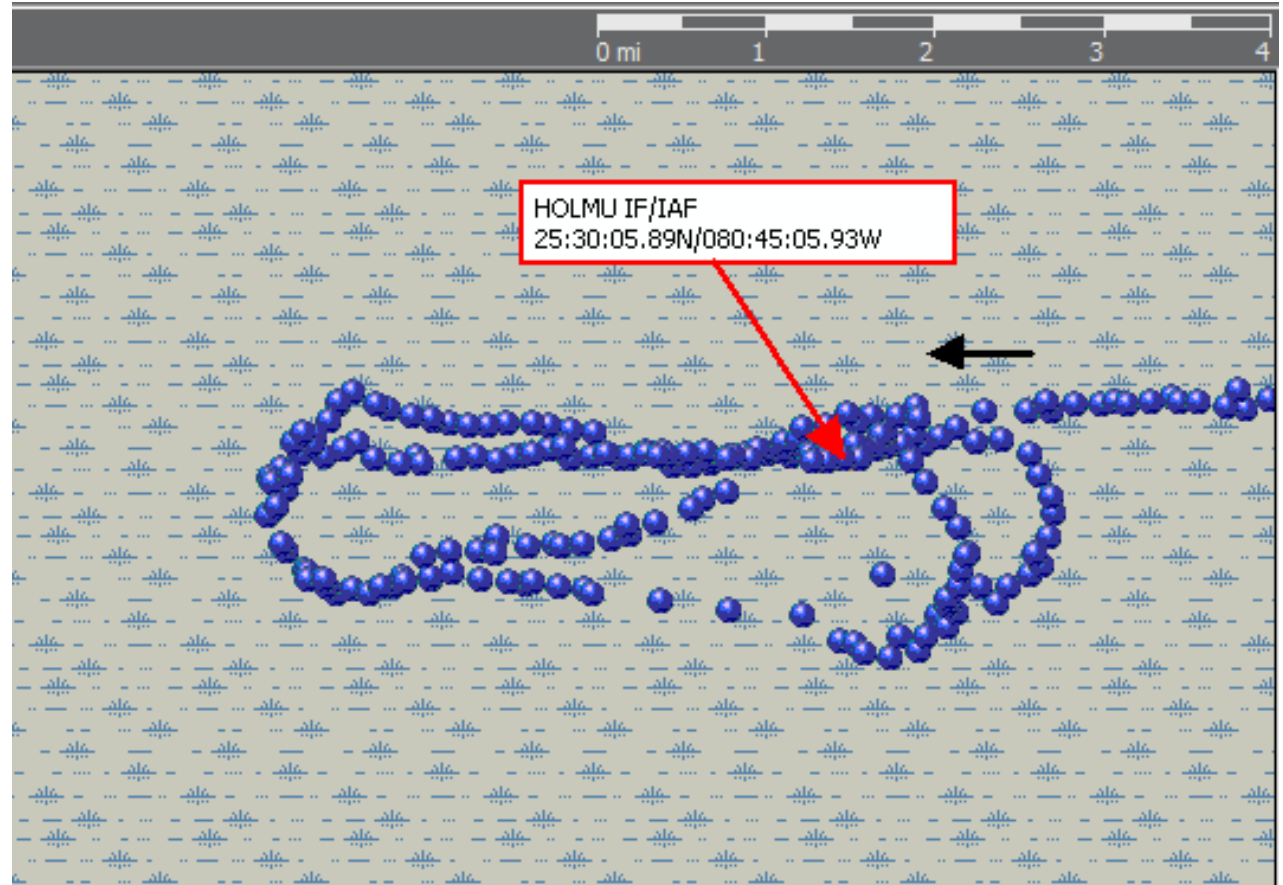
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Suspected flight track of N49453 is indicated by blue dots. Direction of flight prior to entering holding is indicated by a black arrow.

The HOLMU IF/IAF fix is indicated by a red triangle.

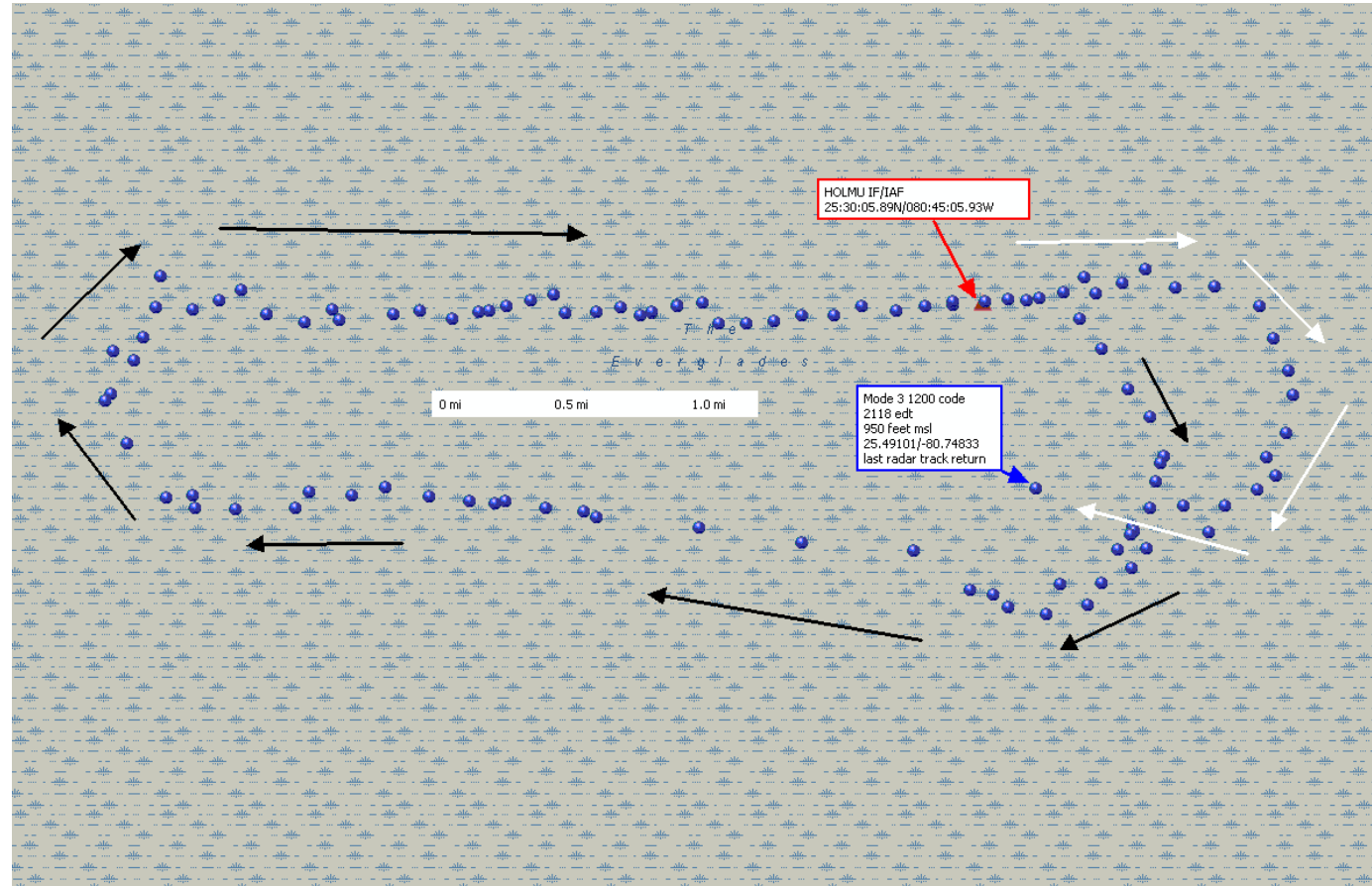


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Suspected final flight track of N49453 is indicated by blue dots. Direction of flight from 2112 to 2117 edt is indicated by black arrows. Direction of flight from 2117 to the final radar track return is indicated by white arrows.

The HOLMU IF/IAF fix is indicated by a red triangle.

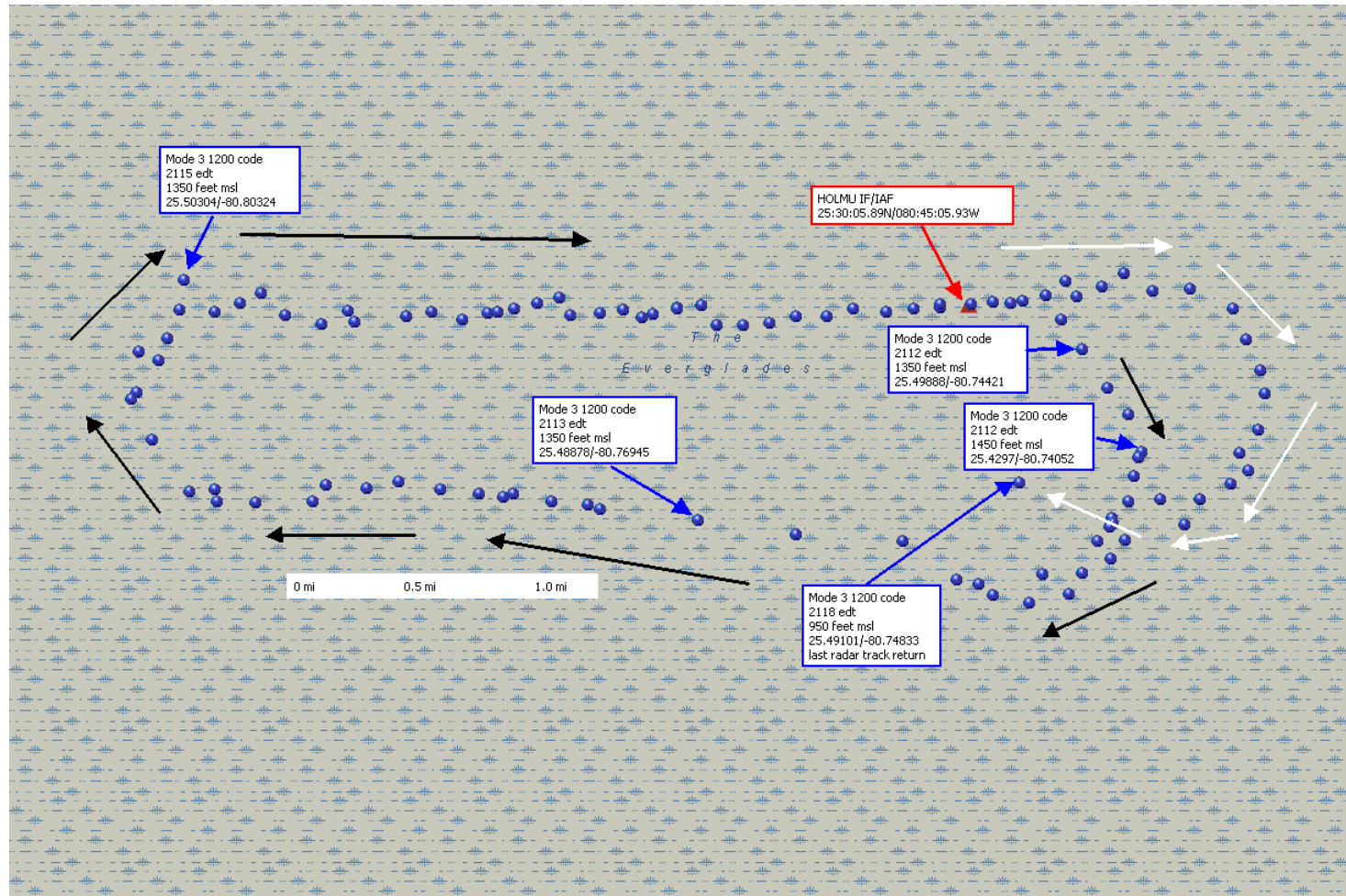


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Suspected final flight track of N49453 is indicated by blue dots. Direction of flight from 2112 to 2117 edt is indicated by black arrows. Direction of flight from 2117 to the final radar track return is indicated by white arrows.

The HOLMU IF/IAF fix is indicated by a red triangle.



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## ERA17FA231

|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 0:52 | 25.64291 | -80.4205 | 675  | 40    | 99   | 7/2/2017 0:52 | 25.64065 | -80.4104 | 1050 | 50    | 111  |
| 7/2/2017 0:52 | 25.64522 | -80.4185 | 700  | 113   | 40   | 7/2/2017 0:52 | 25.63982 | -80.4094 | 1075 | 48    | 117  |
| 7/2/2017 0:52 | 25.64576 | -80.4171 | 750  | 62    | 49   | 7/2/2017 0:52 | 25.63986 | -80.4096 | 1075 | 48    | 117  |
| 7/2/2017 0:52 | 25.64544 | -80.4173 | 750  | 72    | 50   | 7/2/2017 0:52 | 25.63962 | -80.4094 | 1075 | 48    | 120  |
| 7/2/2017 0:52 | 25.64291 | -80.4177 | 775  | 76    | 124  | 7/2/2017 0:53 | 25.63848 | -80.409  | 1125 | 49    | 131  |
| 7/2/2017 0:52 | 25.64533 | -80.4162 | 825  | 70    | 64   | 7/2/2017 0:53 | 25.63874 | -80.4089 | 1125 | 48    | 128  |
| 7/2/2017 0:52 | 25.64567 | -80.416  | 825  | 74    | 59   | 7/2/2017 0:53 | 25.63722 | -80.4085 | 1325 | 49    | 144  |
| 7/2/2017 0:52 | 25.64544 | -80.4149 | 850  | 63    | 73   | 7/2/2017 0:53 | 25.6373  | -80.4085 | 1300 | 49    | 144  |
| 7/2/2017 0:52 | 25.6449  | -80.415  | 850  | 61    | 93   | 7/2/2017 0:53 | 25.63625 | -80.4082 | 1350 | 50    | 155  |
| 7/2/2017 0:52 | 25.64202 | -80.4148 | 875  | 56    | 170  | 7/2/2017 0:53 | 25.6352  | -80.4089 | 1350 | 56    | 180  |
| 7/2/2017 0:52 | 25.64456 | -80.4138 | 875  | 56    | 106  | 7/2/2017 0:53 | 25.63357 | -80.4096 | 1375 | 62    | 204  |
| 7/2/2017 0:52 | 25.6411  | -80.414  | 925  | 57    | 148  | 7/2/2017 0:53 | 25.6337  | -80.4095 | 1375 | 58    | 203  |
| 7/2/2017 0:52 | 25.64091 | -80.4141 | 925  | 57    | 154  | 7/2/2017 0:53 | 25.63228 | -80.4105 | 1450 | 62    | 220  |
| 7/2/2017 0:52 | 25.64147 | -80.4126 | 975  | 58    | 109  | 7/2/2017 0:53 | 25.63211 | -80.4105 | 1425 | 64    | 221  |
| 7/2/2017 0:52 | 25.64149 | -80.4125 | 950  | 58    | 107  | 7/2/2017 0:53 | 25.63162 | -80.4109 | 1450 | 66    | 225  |
| 7/2/2017 0:52 | 25.63975 | -80.4122 | 975  | 57    | 134  | 7/2/2017 0:53 | 25.63089 | -80.4111 | 1500 | 64    | 221  |
| 7/2/2017 0:52 | 25.64119 | -80.4112 | 1025 | 54    | 106  | 7/2/2017 0:53 | 25.63076 | -80.4112 | 1500 | 65    | 222  |
| 7/2/2017 0:52 | 25.64106 | -80.4114 | 1000 | 53    | 109  | 7/2/2017 0:53 | 25.62954 | -80.4119 | 1550 | 65    | 221  |
| 7/2/2017 0:52 | 25.6405  | -80.4105 | 1050 | 49    | 114  | 7/2/2017 0:53 | 25.62964 | -80.4121 | 1550 | 64    | 226  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 0:53 | 25.62819 | -80.4128 | 1600 | 66    | 220  | 7/2/2017 0:54 | 25.61505 | -80.4264 | 1825 | 73    | 258  |
| 7/2/2017 0:53 | 25.62692 | -80.4136 | 1650 | 67    | 219  | 7/2/2017 0:54 | 25.61411 | -80.4272 | 1825 | 76    | 244  |
| 7/2/2017 0:53 | 25.62677 | -80.4138 | 1650 | 68    | 220  | 7/2/2017 0:54 | 25.61512 | -80.4278 | 1825 | 76    | 270  |
| 7/2/2017 0:53 | 25.62557 | -80.4144 | 1700 | 68    | 217  | 7/2/2017 0:54 | 25.61533 | -80.4282 | 1825 | 75    | 275  |
| 7/2/2017 0:53 | 25.62559 | -80.4146 | 1700 | 67    | 218  | 7/2/2017 0:54 | 25.6152  | -80.4295 | 1825 | 75    | 278  |
| 7/2/2017 0:53 | 25.62465 | -80.415  | 1725 | 69    | 216  | 7/2/2017 0:54 | 25.61525 | -80.4298 | 1825 | 75    | 279  |
| 7/2/2017 0:53 | 25.624   | -80.4152 | 1750 | 70    | 212  | 7/2/2017 0:54 | 25.61482 | -80.4313 | 1825 | 74    | 273  |
| 7/2/2017 0:53 | 25.624   | -80.4153 | 1750 | 69    | 214  | 7/2/2017 0:54 | 25.6146  | -80.4315 | 1825 | 75    | 270  |
| 7/2/2017 0:53 | 25.62284 | -80.4161 | 1750 | 70    | 214  | 7/2/2017 0:54 | 25.6151  | -80.4315 | 1825 | 74    | 278  |
| 7/2/2017 0:53 | 25.62158 | -80.4173 | 1750 | 69    | 216  | 7/2/2017 0:54 | 25.61396 | -80.4332 | 1825 | 77    | 263  |
| 7/2/2017 0:54 | 25.61902 | -80.4183 | 1775 | 69    | 209  | 7/2/2017 0:54 | 25.61432 | -80.4335 | 1825 | 76    | 269  |
| 7/2/2017 0:54 | 25.6204  | -80.4183 | 1750 | 70    | 216  | 7/2/2017 0:54 | 25.61321 | -80.4352 | 1825 | 80    | 258  |
| 7/2/2017 0:54 | 25.62037 | -80.4185 | 1750 | 69    | 218  | 7/2/2017 0:54 | 25.61353 | -80.4355 | 1825 | 79    | 262  |
| 7/2/2017 0:54 | 25.6193  | -80.4198 | 1750 | 70    | 222  | 7/2/2017 0:54 | 25.61265 | -80.4367 | 1825 | 83    | 255  |
| 7/2/2017 0:54 | 25.61922 | -80.4198 | 1750 | 70    | 221  | 7/2/2017 0:54 | 25.61269 | -80.4378 | 1825 | 84    | 258  |
| 7/2/2017 0:54 | 25.61623 | -80.4224 | 1775 | 72    | 219  | 7/2/2017 0:54 | 25.61261 | -80.4374 | 1825 | 85    | 256  |
| 7/2/2017 0:54 | 25.61834 | -80.4216 | 1775 | 71    | 231  | 7/2/2017 0:54 | 25.61203 | -80.4395 | 1825 | 86    | 255  |
| 7/2/2017 0:54 | 25.61512 | -80.4241 | 1825 | 73    | 227  | 7/2/2017 0:54 | 25.61222 | -80.4399 | 1825 | 85    | 258  |
| 7/2/2017 0:54 | 25.61518 | -80.4262 | 1825 | 74    | 258  | 7/2/2017 0:55 | 25.61164 | -80.4421 | 1825 | 86    | 257  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 0:55 | 25.60926 | -80.4435 | 1825 | 87    | 238  | 7/2/2017 0:55 | 25.60737 | -80.4695 | 1725 | 104   | 267  |
| 7/2/2017 0:55 | 25.61164 | -80.4421 | 1825 | 86    | 257  | 7/2/2017 0:55 | 25.60714 | -80.4697 | 1725 | 106   | 266  |
| 7/2/2017 0:55 | 25.60926 | -80.4435 | 1825 | 87    | 238  | 7/2/2017 0:55 | 25.60673 | -80.4726 | 1725 | 105   | 265  |
| 7/2/2017 0:55 | 25.61108 | -80.4439 | 1825 | 88    | 256  | 7/2/2017 0:56 | 25.60611 | -80.4745 | 1725 | 101   | 263  |
| 7/2/2017 0:55 | 25.61117 | -80.4443 | 1825 | 88    | 257  | 7/2/2017 0:56 | 25.60559 | -80.4756 | 1725 | 102   | 258  |
| 7/2/2017 0:55 | 25.61044 | -80.446  | 1825 | 90    | 255  | 7/2/2017 0:56 | 25.6051  | -80.4774 | 1725 | 105   | 257  |
| 7/2/2017 0:55 | 25.61057 | -80.4465 | 1825 | 89    | 257  | 7/2/2017 0:56 | 25.60413 | -80.4794 | 1725 | 105   | 254  |
| 7/2/2017 0:55 | 25.60999 | -80.4487 | 1825 | 90    | 257  | 7/2/2017 0:56 | 25.60319 | -80.4811 | 1725 | 99    | 251  |
| 7/2/2017 0:55 | 25.60756 | -80.4523 | 1825 | 92    | 250  | 7/2/2017 0:56 | 25.6034  | -80.4814 | 1725 | 101   | 253  |
| 7/2/2017 0:55 | 25.60737 | -80.4528 | 1825 | 91    | 250  | 7/2/2017 0:56 | 25.60229 | -80.4835 | 1725 | 98    | 249  |
| 7/2/2017 0:55 | 25.60741 | -80.4546 | 1775 | 93    | 259  | 7/2/2017 0:56 | 25.60087 | -80.4868 | 1725 | 97    | 249  |
| 7/2/2017 0:55 | 25.60737 | -80.4553 | 1775 | 93    | 261  | 7/2/2017 0:56 | 25.60053 | -80.488  | 1725 | 98    | 249  |
| 7/2/2017 0:55 | 25.60741 | -80.4562 | 1725 | 97    | 263  | 7/2/2017 0:56 | 25.59958 | -80.49   | 1725 | 99    | 248  |
| 7/2/2017 0:55 | 25.60752 | -80.4573 | 1725 | 99    | 269  | 7/2/2017 0:56 | 25.59892 | -80.4921 | 1725 | 97    | 249  |
| 7/2/2017 0:55 | 25.60772 | -80.4581 | 1725 | 97    | 273  | 7/2/2017 0:56 | 25.59875 | -80.4924 | 1725 | 97    | 249  |
| 7/2/2017 0:55 | 25.60859 | -80.4603 | 1700 | 101   | 295  | 7/2/2017 0:56 | 25.5984  | -80.4945 | 1725 | 97    | 252  |
| 7/2/2017 0:55 | 25.60945 | -80.4621 | 1700 | 101   | 306  | 7/2/2017 0:56 | 25.59797 | -80.4966 | 1725 | 96    | 253  |
| 7/2/2017 0:55 | 25.60759 | -80.4628 | 1700 | 100   | 270  | 7/2/2017 0:56 | 25.59673 | -80.4979 | 1725 | 96    | 247  |
| 7/2/2017 0:55 | 25.60849 | -80.4675 | 1725 | 102   | 286  | 7/2/2017 0:56 | 25.59645 | -80.5012 | 1725 | 98    | 252  |

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|               | LAT      | Lon      | ALT  | SPEED | HEAD |               | LAT      | Lon      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 0:57 | 25.59589 | -80.5034 | 1725 | 98    | 253  | 7/2/2017 0:58 | 25.57915 | -80.5307 | 1725 | 103   | 241  |
| 7/2/2017 0:57 | 25.59546 | -80.5041 | 1725 | 97    | 252  | 7/2/2017 0:58 | 25.578   | -80.5328 | 1725 | 104   | 240  |
| 7/2/2017 0:57 | 25.59499 | -80.5048 | 1725 | 97    | 250  | 7/2/2017 0:58 | 25.57682 | -80.535  | 1650 | 105   | 240  |
| 7/2/2017 0:57 | 25.59424 | -80.5069 | 1725 | 97    | 249  | 7/2/2017 0:58 | 25.57667 | -80.5358 | 1625 | 104   | 241  |
| 7/2/2017 0:57 | 25.59317 | -80.5097 | 1725 | 97    | 248  | 7/2/2017 0:58 | 25.57576 | -80.5371 | 1600 | 104   | 240  |
| 7/2/2017 0:57 | 25.59241 | -80.5091 | 1725 | 94    | 233  | 7/2/2017 0:58 | 25.57476 | -80.5392 | 1700 | 104   | 240  |
| 7/2/2017 0:57 | 25.59117 | -80.5101 | 1725 | 94    | 225  | 7/2/2017 0:58 | 25.57385 | -80.5413 | 1725 | 103   | 241  |
| 7/2/2017 0:57 | 25.5895  | -80.5115 | 1725 | 92    | 216  | 7/2/2017 0:58 | 25.57197 | -80.5454 | 1675 | 101   | 242  |
| 7/2/2017 0:57 | 25.58905 | -80.5139 | 1725 | 93    | 235  | 7/2/2017 0:58 | 25.5713  | -80.5468 | 1625 | 101   | 242  |
| 7/2/2017 0:57 | 25.58718 | -80.5159 | 1725 | 98    | 233  | 7/2/2017 0:58 | 25.57083 | -80.5475 | 1600 | 102   | 241  |
| 7/2/2017 0:57 | 25.58589 | -80.5178 | 1725 | 98    | 233  | 7/2/2017 0:58 | 25.56978 | -80.5496 | 1600 | 102   | 241  |
| 7/2/2017 0:57 | 25.58572 | -80.5191 | 1725 | 97    | 238  | 7/2/2017 0:58 | 25.5687  | -80.5518 | 1600 | 102   | 241  |
| 7/2/2017 0:57 | 25.58493 | -80.52   | 1725 | 99    | 237  | 7/2/2017 0:58 | 25.56832 | -80.5521 | 1625 | 101   | 239  |
| 7/2/2017 0:57 | 25.58366 | -80.522  | 1725 | 99    | 236  | 7/2/2017 0:58 | 25.56735 | -80.5536 | 1625 | 101   | 238  |
| 7/2/2017 0:57 | 25.58233 | -80.5239 | 1725 | 100   | 236  | 7/2/2017 0:58 | 25.56619 | -80.5557 | 1625 | 101   | 238  |
| 7/2/2017 0:57 | 25.58248 | -80.5245 | 1725 | 100   | 239  | 7/2/2017 0:59 | 25.5651  | -80.5572 | 1625 | 100   | 236  |
| 7/2/2017 0:57 | 25.58134 | -80.5262 | 1725 | 101   | 238  | 7/2/2017 0:59 | 25.56443 | -80.5582 | 1625 | 100   | 236  |
| 7/2/2017 0:57 | 25.58003 | -80.5283 | 1725 | 102   | 237  | 7/2/2017 0:59 | 25.56355 | -80.5595 | 1625 | 100   | 235  |
| 7/2/2017 0:58 | 25.57965 | -80.5302 | 1725 | 102   | 243  | 7/2/2017 0:59 | 25.56233 | -80.5615 | 1625 | 101   | 236  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 0:59 | 25.56158 | -80.5621 | 1625 | 100   | 233  | 7/2/2017 1:00 | 25.54634 | -80.5786 | 1625 | 98    | 221  |
| 7/2/2017 0:59 | 25.56081 | -80.5631 | 1625 | 100   | 232  | 7/2/2017 1:00 | 25.54424 | -80.5769 | 1625 | 98    | 181  |
| 7/2/2017 0:59 | 25.55948 | -80.565  | 1625 | 100   | 232  | 7/2/2017 1:00 | 25.54283 | -80.577  | 1625 | 101   | 176  |
| 7/2/2017 0:59 | 25.55909 | -80.5659 | 1625 | 100   | 234  | 7/2/2017 1:00 | 25.54158 | -80.5768 | 1625 | 105   | 169  |
| 7/2/2017 0:59 | 25.55811 | -80.567  | 1625 | 101   | 232  | 7/2/2017 1:00 | 25.54094 | -80.5765 | 1625 | 104   | 165  |
| 7/2/2017 0:59 | 25.55795 | -80.5668 | 1625 | 99    | 230  | 7/2/2017 1:00 | 25.53976 | -80.5763 | 1625 | 103   | 161  |
| 7/2/2017 0:59 | 25.55658 | -80.5685 | 1625 | 100   | 229  | 7/2/2017 1:00 | 25.53918 | -80.5759 | 1625 | 100   | 158  |
| 7/2/2017 0:59 | 25.55613 | -80.5692 | 1625 | 100   | 231  | 7/2/2017 1:00 | 25.53924 | -80.5762 | 1625 | 97    | 162  |
| 7/2/2017 0:59 | 25.55516 | -80.5703 | 1625 | 100   | 230  | 7/2/2017 1:00 | 25.53811 | -80.576  | 1625 | 96    | 161  |
| 7/2/2017 0:59 | 25.55471 | -80.5712 | 1625 | 100   | 231  | 7/2/2017 1:00 | 25.53746 | -80.5755 | 1625 | 96    | 157  |
| 7/2/2017 0:59 | 25.55396 | -80.5711 | 1625 | 99    | 225  | 7/2/2017 1:00 | 25.53615 | -80.5755 | 1625 | 96    | 161  |
| 7/2/2017 0:59 | 25.55338 | -80.5717 | 1625 | 99    | 224  | 7/2/2017 1:00 | 25.53534 | -80.5752 | 1625 | 95    | 161  |
| 7/2/2017 0:59 | 25.55285 | -80.5724 | 1625 | 99    | 225  | 7/2/2017 1:00 | 25.53422 | -80.5752 | 1625 | 95    | 163  |
| 7/2/2017 0:59 | 25.55184 | -80.5734 | 1625 | 99    | 224  | 7/2/2017 1:00 | 25.53418 | -80.5765 | 1625 | 95    | 181  |
| 7/2/2017 0:59 | 25.55025 | -80.5751 | 1625 | 100   | 225  | 7/2/2017 1:00 | 25.53251 | -80.5765 | 1650 | 94    | 181  |
| 7/2/2017 0:59 | 25.54969 | -80.5759 | 1625 | 100   | 226  | 7/2/2017 1:00 | 25.53173 | -80.5766 | 1700 | 94    | 182  |
| 7/2/2017 0:59 | 25.54851 | -80.5766 | 1625 | 100   | 223  | 7/2/2017 1:00 | 25.5306  | -80.5768 | 1725 | 94    | 183  |
| 7/2/2017 0:59 | 25.54795 | -80.5772 | 1625 | 99    | 223  | 7/2/2017 1:00 | 25.52974 | -80.5771 | 1750 | 94    | 186  |
| 7/2/2017 0:59 | 25.54692 | -80.5781 | 1625 | 100   | 221  | 7/2/2017 1:00 | 25.52978 | -80.5792 | 1750 | 93    | 218  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:00 | 25.52918 | -80.5797 | 1750 | 96    | 221  | 7/2/2017 1:01 | 25.51882 | -80.5949 | 1725 | 98    | 230  |
| 7/2/2017 1:00 | 25.52873 | -80.5804 | 1750 | 99    | 229  | 7/2/2017 1:01 | 25.51791 | -80.5958 | 1725 | 99    | 229  |
| 7/2/2017 1:00 | 25.52794 | -80.5815 | 1750 | 100   | 236  | 7/2/2017 1:01 | 25.51748 | -80.5966 | 1725 | 98    | 230  |
| 7/2/2017 1:00 | 25.52783 | -80.5826 | 1750 | 101   | 249  | 7/2/2017 1:01 | 25.51654 | -80.5974 | 1725 | 98    | 229  |
| 7/2/2017 1:00 | 25.52718 | -80.5836 | 1750 | 100   | 251  | 7/2/2017 1:01 | 25.51553 | -80.5966 | 1725 | 99    | 212  |
| 7/2/2017 1:00 | 25.52665 | -80.5835 | 1725 | 97    | 243  | 7/2/2017 1:01 | 25.5141  | -80.5977 | 1725 | 97    | 210  |
| 7/2/2017 1:00 | 25.52759 | -80.5851 | 1725 | 100   | 270  | 7/2/2017 1:01 | 25.51356 | -80.5985 | 1725 | 96    | 215  |
| 7/2/2017 1:00 | 25.52583 | -80.585  | 1725 | 96    | 246  | 7/2/2017 1:01 | 25.51253 | -80.5991 | 1725 | 96    | 213  |
| 7/2/2017 1:00 | 25.52585 | -80.5861 | 1725 | 94    | 257  | 7/2/2017 1:01 | 25.51208 | -80.6001 | 1725 | 96    | 219  |
| 7/2/2017 1:00 | 25.52512 | -80.5872 | 1725 | 94    | 253  | 7/2/2017 1:01 | 25.51107 | -80.5992 | 1725 | 94    | 204  |
| 7/2/2017 1:01 | 25.52532 | -80.5883 | 1725 | 94    | 264  | 7/2/2017 1:01 | 25.51038 | -80.5996 | 1725 | 95    | 205  |
| 7/2/2017 1:01 | 25.52418 | -80.5885 | 1725 | 93    | 247  | 7/2/2017 1:01 | 25.50957 | -80.6    | 1725 | 94    | 205  |
| 7/2/2017 1:01 | 25.52356 | -80.5898 | 1725 | 94    | 248  | 7/2/2017 1:01 | 25.50856 | -80.6006 | 1750 | 94    | 205  |
| 7/2/2017 1:01 | 25.52279 | -80.591  | 1725 | 96    | 245  | 7/2/2017 1:01 | 25.50783 | -80.6012 | 1750 | 93    | 207  |
| 7/2/2017 1:01 | 25.52248 | -80.592  | 1725 | 96    | 247  | 7/2/2017 1:01 | 25.50695 | -80.6015 | 1800 | 93    | 205  |
| 7/2/2017 1:01 | 25.52145 | -80.5929 | 1725 | 97    | 241  | 7/2/2017 1:01 | 25.50646 | -80.6014 | 1825 | 90    | 201  |
| 7/2/2017 1:01 | 25.52105 | -80.5938 | 1725 | 97    | 241  | 7/2/2017 1:01 | 25.50626 | -80.6021 | 1825 | 92    | 207  |
| 7/2/2017 1:01 | 25.52021 | -80.5931 | 1725 | 97    | 230  | 7/2/2017 1:01 | 25.50517 | -80.6019 | 1825 | 90    | 201  |
| 7/2/2017 1:01 | 25.51935 | -80.594  | 1725 | 99    | 229  | 7/2/2017 1:01 | 25.50431 | -80.6024 | 1775 | 90    | 202  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:01 | 25.50343 | -80.6028 | 1750 | 89    | 203  | 7/2/2017 1:02 | 25.48858 | -80.6163 | 1825 | 91    | 229  |
| 7/2/2017 1:02 | 25.50257 | -80.6034 | 1725 | 90    | 204  | 7/2/2017 1:02 | 25.48785 | -80.617  | 1825 | 91    | 228  |
| 7/2/2017 1:02 | 25.50188 | -80.6037 | 1700 | 89    | 204  | 7/2/2017 1:02 | 25.48749 | -80.6183 | 1825 | 91    | 235  |
| 7/2/2017 1:02 | 25.50073 | -80.6043 | 1775 | 90    | 205  | 7/2/2017 1:02 | 25.48672 | -80.6189 | 1825 | 92    | 232  |
| 7/2/2017 1:02 | 25.49989 | -80.6048 | 1825 | 91    | 205  | 7/2/2017 1:02 | 25.48581 | -80.6212 | 1825 | 92    | 237  |
| 7/2/2017 1:02 | 25.49817 | -80.606  | 1850 | 91    | 208  | 7/2/2017 1:02 | 25.48556 | -80.6225 | 1825 | 92    | 244  |
| 7/2/2017 1:02 | 25.49742 | -80.6069 | 1850 | 90    | 213  | 7/2/2017 1:02 | 25.48481 | -80.6232 | 1825 | 93    | 240  |
| 7/2/2017 1:02 | 25.49747 | -80.6066 | 1850 | 90    | 209  | 7/2/2017 1:03 | 25.48506 | -80.6249 | 1825 | 92    | 253  |
| 7/2/2017 1:02 | 25.49654 | -80.6072 | 1850 | 91    | 210  | 7/2/2017 1:03 | 25.48569 | -80.6261 | 1825 | 93    | 269  |
| 7/2/2017 1:02 | 25.49483 | -80.6085 | 1825 | 91    | 212  | 7/2/2017 1:03 | 25.48581 | -80.6277 | 1825 | 94    | 277  |
| 7/2/2017 1:02 | 25.49422 | -80.6095 | 1825 | 90    | 219  | 7/2/2017 1:03 | 25.48551 | -80.6286 | 1825 | 95    | 274  |
| 7/2/2017 1:02 | 25.49337 | -80.61   | 1825 | 90    | 217  | 7/2/2017 1:03 | 25.48614 | -80.6302 | 1825 | 96    | 285  |
| 7/2/2017 1:02 | 25.4933  | -80.6104 | 1825 | 90    | 218  | 7/2/2017 1:03 | 25.4859  | -80.631  | 1825 | 96    | 282  |
| 7/2/2017 1:02 | 25.49199 | -80.6117 | 1825 | 90    | 220  | 7/2/2017 1:03 | 25.48672 | -80.6323 | 1825 | 96    | 293  |
| 7/2/2017 1:02 | 25.49133 | -80.6128 | 1825 | 90    | 226  | 7/2/2017 1:03 | 25.48687 | -80.6325 | 1825 | 96    | 294  |
| 7/2/2017 1:02 | 25.49053 | -80.6134 | 1825 | 90    | 224  | 7/2/2017 1:03 | 25.48785 | -80.6346 | 1825 | 96    | 302  |
| 7/2/2017 1:02 | 25.49015 | -80.6147 | 1825 | 90    | 233  | 7/2/2017 1:03 | 25.48804 | -80.6353 | 1825 | 96    | 302  |
| 7/2/2017 1:02 | 25.48981 | -80.6147 | 1825 | 89    | 227  | 7/2/2017 1:03 | 25.48918 | -80.6364 | 1825 | 96    | 311  |
| 7/2/2017 1:02 | 25.48929 | -80.6152 | 1825 | 90    | 227  | 7/2/2017 1:03 | 25.48978 | -80.6375 | 1825 | 97    | 312  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:03 | 25.48942 | -80.6372 | 1825 | 96    | 310  | 7/2/2017 1:04 | 25.50246 | -80.655  | 1725 | 99    | 306  |
| 7/2/2017 1:03 | 25.49066 | -80.6383 | 1825 | 97    | 317  | 7/2/2017 1:04 | 25.50268 | -80.6558 | 1700 | 99    | 304  |
| 7/2/2017 1:03 | 25.49216 | -80.64   | 1825 | 97    | 321  | 7/2/2017 1:04 | 25.5038  | -80.6572 | 1725 | 100   | 306  |
| 7/2/2017 1:03 | 25.4924  | -80.6407 | 1825 | 97    | 318  | 7/2/2017 1:04 | 25.50364 | -80.6569 | 1725 | 100   | 307  |
| 7/2/2017 1:03 | 25.49356 | -80.6418 | 1825 | 97    | 320  | 7/2/2017 1:04 | 25.50377 | -80.6578 | 1725 | 100   | 303  |
| 7/2/2017 1:03 | 25.49384 | -80.6418 | 1825 | 97    | 323  | 7/2/2017 1:04 | 25.50459 | -80.6595 | 1725 | 100   | 303  |
| 7/2/2017 1:03 | 25.4939  | -80.6423 | 1825 | 97    | 319  | 7/2/2017 1:04 | 25.50429 | -80.6605 | 1725 | 101   | 293  |
| 7/2/2017 1:03 | 25.49511 | -80.6434 | 1825 | 97    | 321  | 7/2/2017 1:04 | 25.50485 | -80.6623 | 1725 | 101   | 291  |
| 7/2/2017 1:03 | 25.4953  | -80.6442 | 1825 | 97    | 317  | 7/2/2017 1:04 | 25.5038  | -80.6633 | 1725 | 101   | 268  |
| 7/2/2017 1:03 | 25.49646 | -80.6453 | 1825 | 98    | 318  | 7/2/2017 1:04 | 25.50358 | -80.6636 | 1725 | 101   | 263  |
| 7/2/2017 1:03 | 25.4962  | -80.645  | 1825 | 98    | 319  | 7/2/2017 1:04 | 25.50367 | -80.6646 | 1725 | 100   | 264  |
| 7/2/2017 1:03 | 25.49766 | -80.6471 | 1825 | 97    | 315  | 7/2/2017 1:04 | 25.50332 | -80.6654 | 1725 | 100   | 256  |
| 7/2/2017 1:03 | 25.49792 | -80.6477 | 1825 | 97    | 313  | 7/2/2017 1:04 | 25.50371 | -80.6671 | 1725 | 100   | 266  |
| 7/2/2017 1:03 | 25.49899 | -80.649  | 1825 | 98    | 313  | 7/2/2017 1:04 | 25.50315 | -80.6678 | 1725 | 100   | 257  |
| 7/2/2017 1:03 | 25.49916 | -80.6498 | 1825 | 98    | 310  | 7/2/2017 1:04 | 25.50339 | -80.6698 | 1675 | 100   | 263  |
| 7/2/2017 1:04 | 25.50032 | -80.651  | 1825 | 99    | 311  | 7/2/2017 1:04 | 25.50298 | -80.6696 | 1675 | 100   | 257  |
| 7/2/2017 1:04 | 25.5006  | -80.6514 | 1825 | 99    | 311  | 7/2/2017 1:04 | 25.50285 | -80.6718 | 1625 | 99    | 259  |
| 7/2/2017 1:04 | 25.50141 | -80.6528 | 1775 | 98    | 309  | 7/2/2017 1:04 | 25.50291 | -80.6743 | 1625 | 100   | 264  |
| 7/2/2017 1:04 | 25.50159 | -80.6535 | 1750 | 98    | 307  | 7/2/2017 1:04 | 25.50255 | -80.675  | 1625 | 100   | 261  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:04 | 25.50289 | -80.677  | 1625 | 102   | 267  | 7/2/2017 1:06 | 25.50663 | -80.7147 | 1450 | 110   | 280  |
| 7/2/2017 1:04 | 25.50261 | -80.6792 | 1625 | 102   | 266  | 7/2/2017 1:06 | 25.5051  | -80.714  | 1450 | 109   | 272  |
| 7/2/2017 1:04 | 25.50244 | -80.68   | 1625 | 102   | 265  | 7/2/2017 1:06 | 25.50532 | -80.7158 | 1450 | 109   | 274  |
| 7/2/2017 1:05 | 25.50257 | -80.6818 | 1625 | 103   | 268  | 7/2/2017 1:06 | 25.50575 | -80.7184 | 1450 | 109   | 276  |
| 7/2/2017 1:05 | 25.50221 | -80.6825 | 1625 | 104   | 265  | 7/2/2017 1:06 | 25.50573 | -80.7203 | 1450 | 105   | 274  |
| 7/2/2017 1:05 | 25.5024  | -80.6842 | 1625 | 103   | 268  | 7/2/2017 1:06 | 25.50611 | -80.721  | 1450 | 108   | 277  |
| 7/2/2017 1:05 | 25.50274 | -80.6866 | 1625 | 103   | 273  | 7/2/2017 1:06 | 25.50579 | -80.723  | 1450 | 104   | 273  |
| 7/2/2017 1:05 | 25.50345 | -80.6891 | 1575 | 102   | 281  | 7/2/2017 1:06 | 25.50551 | -80.7252 | 1450 | 102   | 268  |
| 7/2/2017 1:05 | 25.50341 | -80.6888 | 1575 | 102   | 279  | 7/2/2017 1:06 | 25.50564 | -80.7264 | 1450 | 101   | 271  |
| 7/2/2017 1:05 | 25.50463 | -80.6939 | 1525 | 101   | 286  | 7/2/2017 1:06 | 25.50555 | -80.7277 | 1450 | 101   | 271  |
| 7/2/2017 1:05 | 25.50429 | -80.6948 | 1550 | 101   | 280  | 7/2/2017 1:06 | 25.50558 | -80.7302 | 1450 | 101   | 271  |
| 7/2/2017 1:05 | 25.50435 | -80.6963 | 1550 | 101   | 278  | 7/2/2017 1:06 | 25.50573 | -80.7327 | 1450 | 101   | 272  |
| 7/2/2017 1:05 | 25.50463 | -80.6988 | 1550 | 102   | 278  | 7/2/2017 1:06 | 25.50497 | -80.7324 | 1450 | 100   | 265  |
| 7/2/2017 1:05 | 25.50504 | -80.7014 | 1550 | 103   | 278  | 7/2/2017 1:06 | 25.50497 | -80.7347 | 1450 | 100   | 267  |
| 7/2/2017 1:05 | 25.50455 | -80.7013 | 1550 | 103   | 275  | 7/2/2017 1:06 | 25.50495 | -80.7386 | 1450 | 99    | 269  |
| 7/2/2017 1:05 | 25.50474 | -80.7037 | 1550 | 102   | 275  | 7/2/2017 1:07 | 25.50523 | -80.7453 | 1450 | 104   | 275  |
| 7/2/2017 1:05 | 25.5048  | -80.7062 | 1500 | 103   | 274  | 7/2/2017 1:07 | 25.50435 | -80.745  | 1450 | 103   | 265  |
| 7/2/2017 1:05 | 25.5051  | -80.7089 | 1450 | 104   | 275  | 7/2/2017 1:07 | 25.50452 | -80.747  | 1450 | 103   | 268  |
| 7/2/2017 1:05 | 25.50588 | -80.7118 | 1450 | 107   | 278  | 7/2/2017 1:07 | 25.50461 | -80.7494 | 1450 | 103   | 270  |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:07 | 25.50386 | -80.7509 | 1450 | 101   | 263  | 7/2/2017 1:08 | 25.49416 | -80.7848 | 1350 | 100   | 282  |
| 7/2/2017 1:07 | 25.5047  | -80.7518 | 1450 | 102   | 270  | 7/2/2017 1:08 | 25.49281 | -80.7851 | 1350 | 100   | 266  |
| 7/2/2017 1:07 | 25.50369 | -80.7536 | 1450 | 100   | 264  | 7/2/2017 1:08 | 25.49292 | -80.7868 | 1350 | 101   | 270  |
| 7/2/2017 1:07 | 25.50352 | -80.756  | 1450 | 99    | 265  | 7/2/2017 1:08 | 25.49292 | -80.7894 | 1350 | 101   | 271  |
| 7/2/2017 1:07 | 25.50246 | -80.7563 | 1450 | 99    | 253  | 7/2/2017 1:08 | 25.49268 | -80.7919 | 1350 | 103   | 270  |
| 7/2/2017 1:07 | 25.50223 | -80.7577 | 1450 | 98    | 255  | 7/2/2017 1:08 | 25.49081 | -80.7913 | 1350 | 103   | 253  |
| 7/2/2017 1:07 | 25.50171 | -80.7601 | 1450 | 97    | 256  | 7/2/2017 1:08 | 25.49034 | -80.7936 | 1350 | 103   | 254  |
| 7/2/2017 1:07 | 25.50098 | -80.7624 | 1450 | 97    | 254  | 7/2/2017 1:08 | 25.48989 | -80.796  | 1350 | 103   | 255  |
| 7/2/2017 1:07 | 25.49813 | -80.7632 | 1450 | 96    | 227  | 7/2/2017 1:08 | 25.48931 | -80.7971 | 1350 | 103   | 253  |
| 7/2/2017 1:07 | 25.49738 | -80.7654 | 1450 | 95    | 236  | 7/2/2017 1:08 | 25.48944 | -80.8002 | 1350 | 103   | 262  |
| 7/2/2017 1:07 | 25.49665 | -80.7666 | 1450 | 95    | 236  | 7/2/2017 1:09 | 25.49116 | -80.8028 | 1350 | 103   | 290  |
| 7/2/2017 1:07 | 25.49551 | -80.7698 | 1450 | 97    | 244  | 7/2/2017 1:09 | 25.49139 | -80.8032 | 1350 | 103   | 294  |
| 7/2/2017 1:08 | 25.49528 | -80.7726 | 1400 | 100   | 256  | 7/2/2017 1:09 | 25.4929  | -80.8049 | 1350 | 105   | 311  |
| 7/2/2017 1:08 | 25.49448 | -80.7724 | 1375 | 99    | 246  | 7/2/2017 1:09 | 25.49693 | -80.8058 | 1350 | 114   | 355  |
| 7/2/2017 1:08 | 25.49395 | -80.7742 | 1325 | 99    | 249  | 7/2/2017 1:09 | 25.49931 | -80.8065 | 1350 | 114   | 5    |
| 7/2/2017 1:08 | 25.49358 | -80.7768 | 1325 | 99    | 256  | 7/2/2017 1:09 | 25.5001  | -80.8053 | 1350 | 114   | 19   |
| 7/2/2017 1:08 | 25.49337 | -80.7788 | 1350 | 101   | 261  | 7/2/2017 1:09 | 25.50225 | -80.8042 | 1350 | 114   | 34   |
| 7/2/2017 1:08 | 25.4936  | -80.7794 | 1325 | 100   | 265  | 7/2/2017 1:09 | 25.50206 | -80.8025 | 1350 | 113   | 54   |
| 7/2/2017 1:08 | 25.49337 | -80.7819 | 1350 | 101   | 269  | 7/2/2017 1:09 | 25.50272 | -80.8022 | 1350 | 113   | 55   |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:09 | 25.50407 | -80.8009 | 1350 | 109   | 57   | 7/2/2017 1:10 | 25.50139 | -80.7709 | 1350 | 80    | 92   |
| 7/2/2017 1:09 | 25.5057  | -80.8    | 1400 | 101   | 47   | 7/2/2017 1:10 | 25.50109 | -80.7696 | 1350 | 82    | 96   |
| 7/2/2017 1:09 | 25.50551 | -80.7999 | 1400 | 95    | 51   | 7/2/2017 1:10 | 25.50118 | -80.7687 | 1350 | 81    | 94   |
| 7/2/2017 1:09 | 25.50648 | -80.7987 | 1450 | 90    | 50   | 7/2/2017 1:10 | 25.50122 | -80.7669 | 1350 | 82    | 91   |
| 7/2/2017 1:09 | 25.50555 | -80.7964 | 1450 | 81    | 85   | 7/2/2017 1:11 | 25.50156 | -80.7652 | 1350 | 80    | 86   |
| 7/2/2017 1:09 | 25.50506 | -80.7952 | 1400 | 74    | 101  | 7/2/2017 1:11 | 25.50092 | -80.7647 | 1350 | 82    | 95   |
| 7/2/2017 1:09 | 25.50463 | -80.793  | 1350 | 72    | 114  | 7/2/2017 1:11 | 25.50098 | -80.763  | 1350 | 82    | 92   |
| 7/2/2017 1:10 | 25.50435 | -80.7912 | 1350 | 71    | 112  | 7/2/2017 1:11 | 25.5012  | -80.7613 | 1350 | 81    | 89   |
| 7/2/2017 1:10 | 25.50412 | -80.7909 | 1350 | 72    | 115  | 7/2/2017 1:11 | 25.50143 | -80.7596 | 1350 | 78    | 86   |
| 7/2/2017 1:10 | 25.50401 | -80.7894 | 1350 | 72    | 109  | 7/2/2017 1:11 | 25.50152 | -80.7579 | 1350 | 76    | 86   |
| 7/2/2017 1:10 | 25.50369 | -80.7875 | 1350 | 73    | 105  | 7/2/2017 1:11 | 25.50188 | -80.7565 | 1350 | 74    | 84   |
| 7/2/2017 1:10 | 25.5038  | -80.7858 | 1350 | 73    | 99   | 7/2/2017 1:11 | 25.50068 | -80.755  | 1350 | 76    | 94   |
| 7/2/2017 1:10 | 25.50388 | -80.784  | 1350 | 74    | 95   | 7/2/2017 1:11 | 25.50064 | -80.7537 | 1350 | 78    | 94   |
| 7/2/2017 1:10 | 25.50399 | -80.7815 | 1350 | 75    | 93   | 7/2/2017 1:11 | 25.50096 | -80.7522 | 1350 | 79    | 89   |
| 7/2/2017 1:10 | 25.50377 | -80.78   | 1350 | 77    | 94   | 7/2/2017 1:11 | 25.50085 | -80.7506 | 1350 | 79    | 92   |
| 7/2/2017 1:10 | 25.50337 | -80.7778 | 1350 | 79    | 95   | 7/2/2017 1:11 | 25.50216 | -80.7511 | 1350 | 79    | 66   |
| 7/2/2017 1:10 | 25.50129 | -80.7746 | 1350 | 80    | 105  | 7/2/2017 1:11 | 25.50174 | -80.7492 | 1350 | 79    | 70   |
| 7/2/2017 1:10 | 25.50309 | -80.7758 | 1350 | 80    | 96   | 7/2/2017 1:11 | 25.50291 | -80.7486 | 1350 | 79    | 46   |
| 7/2/2017 1:10 | 25.50101 | -80.7724 | 1350 | 81    | 102  | 7/2/2017 1:11 | 25.50311 | -80.748  | 1350 | 75    | 48   |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:11 | 25.50064 | -80.7456 | 1350 | 73    | 99   | 7/2/2017 1:12 | 25.48528 | -80.7525 | 1350 | 85    | 300  |
| 7/2/2017 1:11 | 25.50064 | -80.7456 | 1350 | 73    | 99   | 7/2/2017 1:13 | 25.48751 | -80.756  | 1350 | 86    | 320  |
| 7/2/2017 1:12 | 25.49888 | -80.7442 | 1350 | 72    | 115  | 7/2/2017 1:13 | 25.48796 | -80.763  | 1275 | 90    | 285  |
| 7/2/2017 1:12 | 25.49661 | -80.7425 | 1350 | 72    | 124  | 7/2/2017 1:13 | 25.48878 | -80.7694 | 1350 | 95    | 282  |
| 7/2/2017 1:12 | 25.49504 | -80.7412 | 1400 | 74    | 131  | 7/2/2017 1:13 | 25.4894  | -80.7759 | 1350 | 101   | 279  |
| 7/2/2017 1:12 | 25.49283 | -80.7403 | 1450 | 81    | 154  | 7/2/2017 1:13 | 25.48968 | -80.7767 | 1350 | 101   | 281  |
| 7/2/2017 1:12 | 25.49247 | -80.7405 | 1450 | 86    | 164  | 7/2/2017 1:13 | 25.48987 | -80.7791 | 1350 | 102   | 279  |
| 7/2/2017 1:12 | 25.49139 | -80.7408 | 1375 | 84    | 179  | 7/2/2017 1:13 | 25.49032 | -80.7816 | 1350 | 103   | 280  |
| 7/2/2017 1:12 | 25.48989 | -80.7412 | 1350 | 84    | 196  | 7/2/2017 1:13 | 25.49015 | -80.7823 | 1350 | 102   | 279  |
| 7/2/2017 1:12 | 25.48888 | -80.7423 | 1350 | 81    | 219  | 7/2/2017 1:13 | 25.49032 | -80.7839 | 1350 | 102   | 278  |
| 7/2/2017 1:12 | 25.48858 | -80.7422 | 1350 | 80    | 216  | 7/2/2017 1:14 | 25.49058 | -80.7864 | 1350 | 102   | 278  |
| 7/2/2017 1:12 | 25.48762 | -80.7414 | 1350 | 80    | 199  | 7/2/2017 1:14 | 25.49107 | -80.7891 | 1300 | 103   | 279  |
| 7/2/2017 1:12 | 25.4865  | -80.7423 | 1350 | 80    | 213  | 7/2/2017 1:14 | 25.49064 | -80.7913 | 1250 | 102   | 276  |
| 7/2/2017 1:12 | 25.48562 | -80.7442 | 1350 | 79    | 237  | 7/2/2017 1:14 | 25.49084 | -80.7939 | 1250 | 103   | 276  |
| 7/2/2017 1:12 | 25.48442 | -80.7451 | 1350 | 80    | 238  | 7/2/2017 1:14 | 25.48989 | -80.7948 | 1250 | 102   | 268  |
| 7/2/2017 1:12 | 25.48558 | -80.7468 | 1350 | 80    | 265  | 7/2/2017 1:14 | 25.48983 | -80.7986 | 1250 | 101   | 269  |
| 7/2/2017 1:12 | 25.48386 | -80.7477 | 1350 | 80    | 261  | 7/2/2017 1:14 | 25.49062 | -80.8012 | 1250 | 102   | 275  |
| 7/2/2017 1:12 | 25.48431 | -80.7501 | 1350 | 81    | 282  | 7/2/2017 1:14 | 25.48991 | -80.8011 | 1250 | 102   | 270  |
| 7/2/2017 1:12 | 25.48498 | -80.751  | 1350 | 83    | 294  | 7/2/2017 1:14 | 25.49047 | -80.8029 | 1300 | 101   | 276  |

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Radar Track Coordinates

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:14 | 25.49352 | -80.8054 | 1350 | 113   | 325  | 7/2/2017 1:15 | 25.50103 | -80.7833 | 1350 | 78    | 86   |
| 7/2/2017 1:14 | 25.49594 | -80.8068 | 1375 | 107   | 339  | 7/2/2017 1:15 | 25.50109 | -80.7826 | 1350 | 77    | 87   |
| 7/2/2017 1:14 | 25.49633 | -80.8064 | 1350 | 110   | 349  | 7/2/2017 1:15 | 25.50131 | -80.7816 | 1350 | 76    | 84   |
| 7/2/2017 1:14 | 25.49879 | -80.8063 | 1350 | 107   | 8    | 7/2/2017 1:16 | 25.50167 | -80.7801 | 1350 | 74    | 80   |
| 7/2/2017 1:14 | 25.49826 | -80.8049 | 1350 | 107   | 24   | 7/2/2017 1:16 | 25.50094 | -80.7779 | 1400 | 73    | 92   |
| 7/2/2017 1:14 | 25.49957 | -80.8044 | 1350 | 105   | 33   | 7/2/2017 1:16 | 25.50197 | -80.7786 | 1400 | 71    | 79   |
| 7/2/2017 1:15 | 25.50124 | -80.8036 | 1350 | 99    | 39   | 7/2/2017 1:16 | 25.50103 | -80.7759 | 1450 | 75    | 90   |
| 7/2/2017 1:15 | 25.50124 | -80.8036 | 1350 | 99    | 39   | 7/2/2017 1:16 | 25.50126 | -80.7744 | 1375 | 75    | 87   |
| 7/2/2017 1:15 | 25.50304 | -80.8032 | 1350 | 92    | 31   | 7/2/2017 1:16 | 25.50079 | -80.7732 | 1350 | 76    | 93   |
| 7/2/2017 1:15 | 25.50113 | -80.8012 | 1400 | 93    | 73   | 7/2/2017 1:16 | 25.50096 | -80.7724 | 1350 | 76    | 90   |
| 7/2/2017 1:15 | 25.50165 | -80.7996 | 1450 | 91    | 84   | 7/2/2017 1:16 | 25.50131 | -80.7709 | 1325 | 76    | 86   |
| 7/2/2017 1:15 | 25.50225 | -80.7982 | 1450 | 87    | 85   | 7/2/2017 1:16 | 25.50152 | -80.7693 | 1350 | 75    | 84   |
| 7/2/2017 1:15 | 25.5009  | -80.7966 | 1400 | 84    | 115  | 7/2/2017 1:16 | 25.50036 | -80.7683 | 1325 | 75    | 97   |
| 7/2/2017 1:15 | 25.5004  | -80.7942 | 1350 | 83    | 120  | 7/2/2017 1:16 | 25.50036 | -80.7665 | 1350 | 77    | 95   |
| 7/2/2017 1:15 | 25.50116 | -80.7925 | 1350 | 83    | 95   | 7/2/2017 1:16 | 25.50049 | -80.7647 | 1350 | 78    | 92   |
| 7/2/2017 1:15 | 25.50056 | -80.7921 | 1350 | 83    | 103  | 7/2/2017 1:16 | 25.50083 | -80.763  | 1350 | 78    | 87   |
| 7/2/2017 1:15 | 25.50085 | -80.7887 | 1350 | 81    | 93   | 7/2/2017 1:16 | 25.50083 | -80.761  | 1350 | 78    | 87   |
| 7/2/2017 1:15 | 25.50109 | -80.787  | 1350 | 79    | 90   | 7/2/2017 1:16 | 25.50133 | -80.7592 | 1350 | 77    | 81   |
| 7/2/2017 1:15 | 25.50064 | -80.7849 | 1350 | 79    | 92   | 7/2/2017 1:16 | 25.50109 | -80.7571 | 1350 | 79    | 87   |

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|               | LAT      | LON      | ALT  | SPEED | HEAD |               | LAT      | LON      | ALT  | SPEED | HEAD |
|---------------|----------|----------|------|-------|------|---------------|----------|----------|------|-------|------|
| 7/2/2017 1:17 | 25.50133 | -80.7553 | 1350 | 79    | 85   | 7/2/2017 1:18 | 25.49279 | -80.7339 | 1100 | 86    | 219  |
| 7/2/2017 1:17 | 25.50137 | -80.7536 | 1350 | 79    | 86   | 7/2/2017 1:18 | 25.49174 | -80.7333 | 1250 | 87    | 210  |
| 7/2/2017 1:17 | 25.50161 | -80.7535 | 1350 | 78    | 84   | 7/2/2017 1:18 | 25.49092 | -80.7345 | 1100 | 86    | 225  |
| 7/2/2017 1:17 | 25.50156 | -80.7515 | 1350 | 79    | 86   | 7/2/2017 1:18 | 25.49    | -80.7365 | 1100 | 87    | 247  |
| 7/2/2017 1:17 | 25.50174 | -80.7501 | 1350 | 77    | 85   | 7/2/2017 1:18 | 25.49    | -80.7391 | 1250 | 88    | 272  |
| 7/2/2017 1:17 | 25.50165 | -80.7489 | 1350 | 77    | 86   | 7/2/2017 1:18 | 25.48854 | -80.7375 | 1250 | 88    | 246  |
| 7/2/2017 1:17 | 25.50178 | -80.7482 | 1350 | 77    | 86   | 7/2/2017 1:18 | 25.48839 | -80.7424 | 1350 | 88    | 282  |
| 7/2/2017 1:17 | 25.50212 | -80.7466 | 1350 | 77    | 82   | 7/2/2017 1:18 | 25.48753 | -80.7432 | 1300 | 89    | 272  |
| 7/2/2017 1:17 | 25.50294 | -80.7453 | 1350 | 75    | 69   | 7/2/2017 1:18 | 25.49101 | -80.7483 | 950  | 89    | 324  |
| 7/2/2017 1:17 | 25.50204 | -80.7446 | 1350 | 75    | 87   |               |          |          |      |       |      |
| 7/2/2017 1:17 | 25.50261 | -80.7429 | 1350 | 76    | 80   |               |          |          |      |       |      |
| 7/2/2017 1:17 | 25.50339 | -80.7415 | 1350 | 75    | 69   |               |          |          |      |       |      |
| 7/2/2017 1:17 | 25.50234 | -80.7396 | 1350 | 76    | 89   |               |          |          |      |       |      |
| 7/2/2017 1:17 | 25.50246 | -80.7371 | 1375 | 78    | 88   |               |          |          |      |       |      |
| 7/2/2017 1:17 | 25.50131 | -80.7343 | 1350 | 79    | 105  |               |          |          |      |       |      |
| 7/2/2017 1:17 | 25.49948 | -80.7334 | 1350 | 79    | 139  |               |          |          |      |       |      |
| 7/2/2017 1:18 | 25.49766 | -80.7325 | 1350 | 83    | 158  |               |          |          |      |       |      |
| 7/2/2017 1:18 | 25.49628 | -80.7322 | 1275 | 86    | 173  |               |          |          |      |       |      |
| 7/2/2017 1:18 | 25.49414 | -80.7326 | 1250 | 87    | 196  |               |          |          |      |       |      |

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