

**Legend:** ■ Negative □ Neutral ■ Positive

| True Label             | Predicted Label       | Attribution Label      | Attribution Score | Word Importance   |
|------------------------|-----------------------|------------------------|-------------------|---|
| SurroundingEnvironment | Normal (0.99)         | SurroundingEnvironment | -1.05             | #s a passenger aircraft is nearby . #/s                         |
| Normal                 | Normal (1.00)         | Normal                 | 0.48              | #s fly with caution #/s   |
| Normal                 | Normal (0.39)         | Normal                 | -1.58             | #s account not logged in . #/s                                  |
| ParamViolation         | ParamViolation (0.89) | ParamViolation         | 0.75              | #s flight altitude and distance restricted to nnn and nnn . #/s |
| Normal                 | Normal (1.00)         | Normal                 | 1.85              | #s check and log in #/s   |
| Normal                 | Normal (1.00)         | Normal                 | 0.97              | #s activetrack flight paused #/s                                |
| Normal                 | Normal (1.00)         | Normal                 | 2.17              | #s aircraft activetrack available at max speed . #/s            |
| Normal                 | Normal (0.99)         | Normal                 | 1.12              | #s obstacle avoidance is not available #/s                      |
| Normal                 | Normal (1.00)         | Normal                 | 2.17              | #s aircraft activetrack available at max speed . #/s            |
| Normal                 | ParamViolation (0.87) | Normal                 | -0.98             | #s when exceeding nnn , obstacle avoidance is not available #/s |
| Normal                 | Normal (1.00)         | Normal                 | 2.60              | #s aircraft activetrack max speed of nnn and                    |

|                     |                                   |                            |              |   |
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|                     |                                   |                            |              | obstacle avoidance functions normally #/s                         |
| HardwareFault       | <b>HardwareFault (0.98)</b>       | <b>HardwareFault</b>       | <b>1.63</b>  | #s aircraft core board overheated #/s                             |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.14</b>  | #s aircraft entered fixed - wing mode . #/s                       |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>-0.74</b> | #s current flight speed is nnn . #/s                              |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.65</b>  | #s press c2 to exit #/s   |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.78</b>  | #s aircraft flight control unlocked #/s                           |
| RegulationViolation | <b>RegulationViolation (0.64)</b> | <b>RegulationViolation</b> | <b>1.79</b>  | #s aircraft in restricted zones . #/s                             |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.37</b>  | #s check map to find recommended zones #/s                        |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>-0.87</b> | #s aircraft is in attitude mode , so that it will not hover . #/s |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.82</b>  | #s please fly with caution . #/s                                  |
| Normal              | <b>HardwareFault (0.93)</b>       | <b>Normal</b>              | <b>-0.49</b> | #s aircraft is in tripod mode . #/s                               |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>0.08</b>  | #s exit this mode and try again #/s                               |
| Normal              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>2.34</b>  | #s aircraft is returning to the starting point #/s                |
| ParamViolation      | <b>ParamViolation (0.87)</b>      | <b>ParamViolation</b>      | <b>1.29</b>  | #s aircraft out of range #/s                                      |

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| <b>RegulationViolation</b> | <b>RegulationViolation (0.64)</b> | <b>RegulationViolation</b> | <b>2.34</b>  | #s approaching a no - fly zone . #/s                      |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.92</b>  | #s rth may be affected . #/s                              |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>0.48</b>  | #s fly with caution #/s                                   |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>1.91</b>  | #s arrived at start point . #/s                           |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>-0.39</b> | #s starting waypoint mission #/s                          |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>-0.00</b> | #s auto landing initiated #/s                             |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>0.13</b>  | #s auxiliary bottom light turned off #/s                  |
| <b>SoftwareFault</b>       | <b>SoftwareFault (0.96)</b>       | <b>SoftwareFault</b>       | <b>1.58</b>  | #s sensing is not functioning . #/s                       |
| <b>HardwareFault</b>       | <b>HardwareFault (0.98)</b>       | <b>HardwareFault</b>       | <b>2.41</b>  | #s battery cell broken , please replace the battery #/s   |
| <b>HardwareFault</b>       | <b>HardwareFault (0.98)</b>       | <b>HardwareFault</b>       | <b>1.25</b>  | #s battery error . #/s                                    |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>2.04</b>  | #s aircraft returning to home automatically #/s           |
| <b>HardwareFault</b>       | <b>HardwareFault (0.98)</b>       | <b>HardwareFault</b>       | <b>1.09</b>  | #s battery power low . #/s                                |
| <b>Normal</b>              | <b>Normal (1.00)</b>              | <b>Normal</b>              | <b>-1.81</b> | #s check battery status and charge or warm up battery #/s |
| <b>HardwareFault</b>       | <b>HardwareFault (0.97)</b>       | <b>HardwareFault</b>       | <b>0.17</b>  | #s cache space full #/s                                   |

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| <b>SurroundingEnvironment</b> | <b>SoftwareFault (0.94)</b>  | <b>SurroundingEnvironment</b> | <b>1.23</b>  | #s calibration<br>subject is too close . #/s                             |
| <b>Normal</b>                 | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>0.67</b>  | #s recalibrate using a subject that is farther away #/s                  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.40)</b>  | <b>HardwareFault</b>          | <b>0.19</b>  | #s camera busy , cannot enter playback #/s                               |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.89)</b>  | <b>SoftwareFault</b>          | <b>0.93</b>  | #s cannot enable intelligent flight mode #/s                             |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>  | <b>HardwareFault</b>          | <b>1.73</b>  | #s low battery #/s   |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.96)</b>  | <b>SoftwareFault</b>          | <b>0.86</b>  | #s cannot start return to home due to weak gps signal #/s                |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.95)</b>  | <b>SoftwareFault</b>          | <b>1.18</b>  | #s cannot start self - timer . #/s                                       |
| <b>SoftwareFault</b>          | <b>ParamViolation (0.86)</b> | <b>SoftwareFault</b>          | <b>-0.80</b> | #s exposure time is too long #/s   |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.86)</b>  | <b>SoftwareFault</b>          | <b>-0.69</b> | #s cannot switch flight mode . #/s                                       |
| <b>Normal</b>                 | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>2.16</b>  | #s turn on "multiple flight modes " to enable atti and sport modes . #/s |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.96)</b>  | <b>SoftwareFault</b>          | <b>0.90</b>  | #s cannot track subject #/s  |
| <b>SurroundingEnvironment</b> | <b>SoftwareFault (0.94)</b>  | <b>SurroundingEnvironment</b> | <b>-1.11</b> | #s no image #/s  |
| <b>Normal</b>                 | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>1.30</b>  | #s please retry #/s  |
|                               |                              |                               |              | #s cannot  |

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| <b>SoftwareFault</b>          | <b>SoftwareFault (0.96)</b> | <b>SoftwareFault</b>          | <b>0.90</b>  | track subject<br>#/s   |
| <b>SurroundingEnvironment</b> | <b>SoftwareFault (0.95)</b> | <b>SurroundingEnvironment</b> | <b>-1.28</b> | #s subject<br>too large #/s  |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>2.17</b>  | #s move<br>away and<br>retry #/s   |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>1.83</b>  | #s color<br>display in the<br>liveview has<br>been<br>enhanced .<br>#/s                                  |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>1.96</b>  | #s videos and<br>photos will<br>still be shot in<br>d - log mode<br>#/s                                  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b>          | <b>1.51</b>  | #s compass<br>abnormal .<br>#/s  |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>3.03</b>  | #s solution :<br>1 . ensure<br>there are no<br>magnets or<br>metal objects<br>near the<br>aircraft . #/s |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>2.26</b>  | #s the<br>ground or<br>walls may<br>contain metal<br>. #/s   |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>2.30</b>  | #s move<br>away from<br>sources of<br>interference<br>before<br>attempting<br>flight . #/s               |
| <b>Normal</b>                 | <b>Normal (1.00)</b>        | <b>Normal</b>                 | <b>1.35</b>  | #s 2 .<br>calibrate<br>compass<br>before takeoff<br>#/s  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b>          | <b>1.23</b>  | #s compass<br>error #/s<br>#s compass  |

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| <b>HardwareFault</b>          | <b>HardwareFault (0.94)</b>              | <b>HardwareFault</b>          | <b>1.17</b>  | error ,<br>calibration<br>required #/s                  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>0.75</b>  | #s compass<br>error . #/s                               |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>0.75</b>  | #s compass<br>error . #/s                               |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>1.64</b>  | #s compass<br>disconnected<br>#/s                       |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>0.75</b>  | #s compass<br>error . #/s                               |
| <b>SurroundingEnvironment</b> | <b>SurroundingEnvironment<br/>(0.93)</b> | <b>SurroundingEnvironment</b> | <b>0.49</b>  | #s magnetic<br>filed<br>interference .<br>#/s           |
| <b>Normal</b>                 | <b>Normal (1.00)</b>                     | <b>Normal</b>                 | <b>1.44</b>  | #s exit p -<br>gps mode #/s                             |
| <b>SoftwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>SoftwareFault</b>          | <b>-0.36</b> | #s compass<br>initialization<br>failed . #/s            |
| <b>Normal</b>                 | <b>Normal (1.00)</b>                     | <b>Normal</b>                 | <b>0.37</b>  | #s restart<br>aircraft #/s                              |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>1.57</b>  | #s critical<br>low battery .<br>#/s                     |
| <b>Normal</b>                 | <b>Normal (1.00)</b>                     | <b>Normal</b>                 | <b>1.17</b>  | #s aircraft in<br>auto power<br>off protection<br>. #/s |
| <b>Normal</b>                 | <b>Normal (1.00)</b>                     | <b>Normal</b>                 | <b>2.06</b>  | #s forced<br>landing in<br>progress #/s                 |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>1.57</b>  | #s critical<br>low battery .<br>#/s                     |
| <b>Normal</b>                 | <b>Normal (1.00)</b>                     | <b>Normal</b>                 | <b>1.00</b>  | #s aircraft<br>landing<br>automatically<br>#/s          |
| <b>HardwareFault</b>          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>1.57</b>  | #s critical<br>low battery .<br>#/s                     |
| <b>Normal</b>                 | <b>Normal (1.00)</b>                     | <b>Normal</b>                 | <b>2.31</b>  | #s return to<br>home or land<br>promptly #/s            |
|                               |  |                               |              | #s critically   |

|                      |                             |                      |             |   |
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| <b>HardwareFault</b> | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b> | <b>1.69</b> | low power . #/s                               |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>0.90</b> | #s aircraft is landing #/s                    |
| <b>HardwareFault</b> | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b> | <b>1.69</b> | #s critically low power . #/s                 |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.25</b> | #s aircraft landing . #/s                     |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.25</b> | #s aircraft landing . #/s                     |
|                      |                             |                      |             | #s throttle up to reduce the speed of         |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>3.09</b> | descent and use sticks to avoid obstacles #/s |
|                      |                             |                      |             | #s critically                                 |
| <b>HardwareFault</b> | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b> | <b>2.05</b> | low voltage warning . #/s                     |
|                      |                             |                      |             | #s aircraft                                   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.41</b> | will be forced to land #/s                    |
|                      |                             |                      |             | #s critically                                 |
| <b>HardwareFault</b> | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b> | <b>1.76</b> | low voltage . #/s                             |
|                      |                             |                      |             | #s aircraft                                   |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>0.33</b> | will land #/s                                 |
|                      |                             |                      |             | #s data                                       |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>0.52</b> | recorder file index is 15 . #/s               |
|                      |                             |                      |             | #s data                                       |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.61</b> | recorder file index is 17 . #/s               |
|                      |                             |                      |             | #s data                                       |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>2.28</b> | recorder file index is 30 . #/s               |
|                      |                             |                      |             | #s data                                       |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>2.41</b> | recorder file index is 45 . #/s               |
|                      |                             |                      |             | #s data                                       |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>2.03</b> | recorder file index is 46 .                   |

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|------------------------|-------------------------------|------------------------|-------|---|
|                        |                               |                        |       | #/s   |
| Normal                 | Normal (1.00)                 | Normal                 | 2.38  | #s data recorder file index is 65 . #/s                         |
| Normal                 | Normal (1.00)                 | Normal                 | 2.25  | #s disable sd card read and write protection or change card #/s |
| CommunicationIssue     | CommunicationIssue (0.65)     | CommunicationIssue     | 1.22  | #s downlink lost . #/s  |
| Normal                 | Normal (1.00)                 | Normal                 | 1.60  | #s downlink restored ( after 0m 2 . 9s ) . #/s                  |
| Normal                 | Normal (0.57)                 | Normal                 | 0.73  | #s drone is vibrating #/s                                       |
| Normal                 | Normal (1.00)                 | Normal                 | 1.36  | #s entered cruise control mode . #/s                            |
| Normal                 | Normal (1.00)                 | Normal                 | 1.26  | #s press c1 or c2 to exit #/s                                   |
| ParamViolation         | ParamViolation (0.83)         | ParamViolation         | 2.06  | #s excessive attitude angle detected #/s                        |
| SoftwareFault          | SoftwareFault (0.48)          | SoftwareFault          | -0.12 | #s forward obstacle avoidance has stopped working #/s           |
| Normal                 | Normal (1.00)                 | Normal                 | 1.70  | #s exit backward sensing system #/s                             |
| SurroundingEnvironment | SurroundingEnvironment (0.93) | SurroundingEnvironment | -0.53 | #s ambient light is too weak #/s                                |
| Normal                 | Normal (1.00)                 | Normal                 | 1.85  | #s exited visual avoidance system . #/s                         |
| SoftwareFault          | SoftwareFault (0.95)          | SoftwareFault          | 0.92  | #s exiting gps mode : unknown                                   |

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| <b>ParamViolation</b> | <b>ParamViolation (0.89)</b> | <b>ParamViolation</b>         | <b>1.69</b> | error #/s  |
| <b>Normal</b>         | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>1.61</b> | #s extra payload detected . #/s  |
| <b>Normal</b>         | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>0.48</b> | #s flight performance will be affected . #/s                           |
| <b>SoftwareFault</b>  | <b>SoftwareFault (0.96)</b>  | <b>SoftwareFault</b>          | <b>1.63</b> | #s fly with caution #/s  |
| <b>SoftwareFault</b>  | <b>SoftwareFault (0.96)</b>  | <b>SoftwareFault</b>          | <b>1.11</b> | #s forward obstacle sensing is not functioning . #/s                   |
| <b>HardwareFault</b>  | <b>HardwareFault (0.98)</b>  | <b>HardwareFault</b>          | <b>2.34</b> | #s forward obstacle sensing not responding #/s                         |
| <b>Normal</b>         | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>0.88</b> | #s gimbal motor overloaded . #/s                                       |
| <b>HardwareFault</b>  | <b>HardwareFault (0.97)</b>  | <b>HardwareFault</b>          | <b>2.11</b> | #s check whether gimbal can rotate freely #/s                          |
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>                 | <b>1.10</b> | #s gimbal pitch limit reached . #/s                                    |
| <b>Normal</b>         | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>1.28</b> | #s ground plain . #/s  |
| <b>ParamViolation</b> | <b>ParamViolation (0.67)</b> | <b>ParamViolation</b>         | <b>1.47</b> | #s safe to land . #/s  |
| <b>Normal</b>         | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>1.57</b> | #s high altitude . #/s   |
| <b>Normal</b>         | <b>Normal (1.00)</b>         | <b>Normal</b>                 | <b>0.48</b> | #s aircraft braking distance increased and flight time decreased . #/s |
|                       |                              | <b>SurroundingEnvironment</b> |             | #s fly with caution #/s  |
|                       |                              |                               |             | #s high wind   |

|                               |                               |                               |             |   |
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| <b>SurroundingEnvironment</b> | <b>(0.93)</b>                 | <b>SurroundingEnvironment</b> | <b>0.23</b> | #s velocity . #/s   |
| Normal                        | Normal (1.00)                 | Normal                        | 3.22        | #s ensure the aircraft remains within your line of sight and fly with caution . #/s |
| SurroundingEnvironment        | SurroundingEnvironment (0.93) | SurroundingEnvironment        | 0.23        | #s high wind velocity . #/s   |
| Normal                        | Normal (1.00)                 | Normal                        | 3.22        | #s ensure the aircraft remains within your line of sight and fly with caution . #/s |
| SurroundingEnvironment        | SurroundingEnvironment (0.93) | SurroundingEnvironment        | 0.23        | #s high wind velocity . #/s   |
| Normal                        | Normal (1.00)                 | Normal                        | 2.79        | #s fly with caution and land in a safe place asap . #/s                             |
| Normal                        | ParamViolation (0.84)         | Normal                        | -1.70       | #s high - altitude flight #/s   |
| Normal                        | Normal (1.00)                 | Normal                        | 0.48        | #s fly with caution #/s   |
| Normal                        | Normal (1.00)                 | Normal                        | 1.73        | #s aircraft braking distance is extended #/s  |
| Normal                        | Normal (1.00)                 | Normal                        | 1.78        | #s flight time is shortened . #/s   |
| Normal                        | Normal (1.00)                 | Normal                        | 1.29        | #s home point updated . #/s   |
| ParamViolation                | ParamViolation (0.88)         | ParamViolation                | 1.10        | #s imu attitude restricted . #/s  |
| Normal                        | Normal (1.00)                 | Normal                        | 1.50        | #s ensure aircraft is level #/s   |
| SoftwareFault                 | Normal (0.99)                 | SoftwareFault                 | 0.31        | #s imu not  |

|                        |  |                               |              |   |
|------------------------|--|-------------------------------|--------------|---|
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>1.56</b>  | calibrated .<br>#/s   |
| Normal                 | <b>Normal (0.99)</b>                     | Normal                        | <b>-1.27</b> | #s calibrate<br>imu #/s   |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>2.10</b>  | #s landing<br>canceled . #/s                                    |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>1.67</b>  | #s landing<br>gear function<br>restored #/s                     |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>1.24</b>  | #s landing<br>gear paused .<br>#/s                              |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>1.00</b>  | #s landing<br>gear raising .<br>#/s                             |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>-2.13</b> | #s home<br>point<br>recorded #/s                                |
| Normal                 | <b>Normal (0.73)</b>                     | Normal                        | <b>0.48</b>  | #s live<br>stream video<br>frame rate<br>less than 9hz<br>. #/s |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>2.07</b>  | #s fly with<br>caution #/s                                      |
| HardwareFault          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>1.33</b>  | #s low power<br>. #/s   |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>-0.73</b> | #s aircraft is<br>returning to<br>the home<br>point . #/s       |
| HardwareFault          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>0.49</b>  | #s low power<br>. #/s   |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>1.64</b>  | #s returning<br>home . #/s                                      |
| SurroundingEnvironment | <b>SurroundingEnvironment<br/>(0.93)</b> | <b>SurroundingEnvironment</b> | <b>1.33</b>  | #s magnetic<br>field<br>interference .<br>#/s                   |
| Normal                 | <b>Normal (1.00)</b>                     | Normal                        | <b>1.88</b>  | #s exit p -<br>gps mode .<br>#/s                                |
| HardwareFault          | <b>HardwareFault (0.98)</b>              | <b>HardwareFault</b>          | <b>1.88</b>  | #s yaw error<br>. #/s   |
| SurroundingEnvironment | <b>SurroundingEnvironment<br/>(0.93)</b> | <b>SurroundingEnvironment</b> | <b>1.88</b>  | #s manned<br>aircraft<br>detected                               |

|                |                              |                |             |  |
|----------------|------------------------------|----------------|-------------|--|
| Normal         | <b>Normal (1.00)</b>         | Normal         | <b>0.48</b> | nearby . #/s   |
| ParamViolation | <b>ParamViolation (0.89)</b> | ParamViolation | <b>1.81</b> | #s fly with caution #/s<br>#s max altitude approached . #/s  |
| Normal         | <b>Normal (1.00)</b>         | Normal         | <b>1.46</b> | #s wait for the gps satellite signal recovery before ascend #/s  |
| ParamViolation | <b>ParamViolation (0.89)</b> | ParamViolation | <b>0.81</b> | #s max flight altitude reached . #/s<br>#s adjust in main  |
| Normal         | <b>Normal (1.00)</b>         | Normal         | <b>1.92</b> | controller settings if necessary #/s<br>#s max flight distance reached . #/s                             |
| ParamViolation | <b>ParamViolation (0.89)</b> | ParamViolation | <b>1.38</b> | #s adjust in main controller settings if necessary . #/s<br>#s maximum flight distance reached . #/s     |
| Normal         | <b>Normal (1.00)</b>         | Normal         | <b>1.78</b> | #s mc settings if required . #/s<br>#s mobile device cpu fully loaded . #/s                              |
| ParamViolation | <b>ParamViolation (0.89)</b> | ParamViolation | <b>1.36</b> | #s adjust the distance in mc settings if required . #/s<br>#s related performance will be affected . #/s |
| Normal         | <b>Normal (1.00)</b>         | Normal         | <b>1.93</b> | #s mobile  |
| HardwareFault  | <b>HardwareFault (0.90)</b>  | HardwareFault  | <b>1.53</b> | device cpu fully loaded . #/s  |
| Normal         | <b>Normal (1.00)</b>         | Normal         | <b>1.80</b> | #s related performance will be affected . #/s  |

|                      |                             |                      |              |   |
|----------------------|-----------------------------|----------------------|--------------|---|
| <b>SoftwareFault</b> | <b>Normal (0.88)</b>        | <b>SoftwareFault</b> | <b>2.07</b>  | device<br>version too<br>old to support<br>hd image<br>transmission<br>and the<br>image<br>transmission<br>mode has<br>been switch<br>to normal<br>mode . #/s |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>-0.15</b> | #s motor is<br>blocked. #/s   |
| <b>HardwareFault</b> | <b>HardwareFault (0.98)</b> | <b>HardwareFault</b> | <b>1.39</b>  | #s motor<br>stuck. #/s  |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>2.27</b>  | #s check for<br>objects<br>blocking<br>motor or<br>contact dji<br>support for<br>assistance<br>#/s  |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.07</b>  | #s motors<br>started. #/s   |
| <b>SoftwareFault</b> | <b>SoftwareFault (0.96)</b> | <b>SoftwareFault</b> | <b>1.38</b>  | #s no gps<br>signal . #/s   |
| <b>Normal</b>        | <b>HardwareFault (0.98)</b> | <b>Normal</b>        | <b>-1.75</b> | #s aircraft<br>unable to<br>hover. #/s  |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>0.48</b>  | #s fly with<br>caution #/s  |
| <b>SoftwareFault</b> | <b>SoftwareFault (0.96)</b> | <b>SoftwareFault</b> | <b>1.38</b>  | #s no gps<br>signal . #/s   |
| <b>Normal</b>        | <b>HardwareFault (0.98)</b> | <b>Normal</b>        | <b>0.25</b>  | #s unable to<br>hover. #/s  |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>0.48</b>  | #s fly with<br>caution #/s  |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.55</b>  | #s obstacle<br>avoidance<br>disabled . #/s  |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.58</b>  | #s landing<br>gear lowered<br>. #/s   |
| <b>Normal</b>        | <b>Normal (1.00)</b>        | <b>Normal</b>        | <b>1.55</b>  | #s obstacle<br>avoidance<br>disabled . #/s  |

|                        |                                      |                               |              |   |
|------------------------|--------------------------------------|-------------------------------|--------------|---|
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>1.55</b>  | #s obstacle avoidance disabled . #/s                  |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>1.58</b>  | #s landing gear lowered . #/s                         |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>1.19</b>  | #s obstacle avoidance has been disabled . #/s         |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>-1.37</b> | #s precision landing #/s                              |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>1.41</b>  | #s quickshot has ended #/s                            |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>2.19</b>  | #s recenter gimbal pan #/s                            |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>2.05</b>  | #s rectifying aircraft position #/s                   |
| SurroundingEnvironment | <b>SurroundingEnvironment (0.93)</b> | <b>SurroundingEnvironment</b> | <b>-0.02</b> | high interference environment . #/s                   |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>2.32</b>  | #s manually adjust flight route or return to home #/s |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>1.87</b>  | #s return - to - home altitude : 65ft #/s             |
| Normal                 | <b>Normal (1.00)</b>                 | <b>Normal</b>                 | <b>1.88</b>  | #s return - to - home altitude : 98ft . #/s           |
| Normal                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>0.68</b>  | #s rth : ascending to rth altitude . #/s              |
| Normal                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>0.72</b>  | #s rth : heading alignment . #/s                      |

|                        |                                      |                        |              |  |
|------------------------|--------------------------------------|------------------------|--------------|--|
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.54</b>  | #s rth<br>altitude : 65ft<br>. #/s                               |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.31</b>  | #s rth<br>altitude : 98ft<br>. #/s                               |
| CommunicationIssue     | <b>CommunicationIssue (0.67)</b>     | CommunicationIssue     | <b>1.17</b>  | #s signal lost<br>. #/s  |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>2.11</b>  | #s aircraft returning to home point<br>. #/s                     |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>1.52</b>  | #s sprayer turned on #/s   |
| SurroundingEnvironment | <b>SurroundingEnvironment (0.93)</b> | SurroundingEnvironment | <b>1.74</b>  | #s strong wind warning<br>. #/s                                  |
| SoftwareFault          | <b>SoftwareFault (0.95)</b>          | SoftwareFault          | <b>1.23</b>  | #s aircraft unable to return to home automatically<br>. #/s      |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>1.70</b>  | #s lower altitude immediately and return to home<br>manually #/s |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>1.45</b>  | #s switched to s (sport) - mode . #/s                            |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>2.20</b>  | #s switched to t (tripod) - mode . #/s                           |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>1.70</b>  | #s take off in p - mode #/s                                      |
| SoftwareFault          | <b>HardwareFault (0.97)</b>          | SoftwareFault          | <b>-0.75</b> | #s sensor error . #/s  |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>1.61</b>  | #s contact dji support for assistance<br>. #/s                   |
| Normal                 | <b>Normal (1.00)</b>                 | Normal                 | <b>1.62</b>  | #s vision systems and obstacle avoidance                         |

|                     |                                   |                     |              |   |
|---------------------|-----------------------------------|---------------------|--------------|---|
| Normal              | <b>Normal (1.00)</b>              | Normal              | <b>1.64</b>  | disabled #/s<br>#s waypoint<br>mission<br>paused #/s                                      |
| SoftwareFault       | <b>SoftwareFault (0.96)</b>       | SoftwareFault       | <b>0.68</b>  | #s weak gps<br>signal . #/s   |
| Normal              | <b>Normal (0.99)</b>              | Normal              | <b>1.26</b>  | #s aircraft is<br>in attitude<br>mode and<br>hovering may<br>be unstable .<br>#/s         |
| Normal              | <b>Normal (1.00)</b>              | Normal              | <b>1.37</b>  | #s fly with<br>caution . #/s  |
| CommunicationIssue  | <b>CommunicationIssue (0.65)</b>  | CommunicationIssue  | <b>1.32</b>  | #s weak<br>signal . #/s   |
| Normal              | <b>Normal (1.00)</b>              | Normal              | <b>-1.33</b> | #s adjust<br>antennas #/s   |
| RegulationViolation | <b>RegulationViolation (0.62)</b> | RegulationViolation | <b>-1.46</b> | #s your<br>aircraft is<br>flying in an<br>altitude zone<br>( nnn ) . #/s<br>#s please fly |
| Normal              | <b>Normal (1.00)</b>              | Normal              | <b>1.67</b>  | #s please fly<br>with caution<br>#/s  |