

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

| True Label             | Predicted Label       | Attribution Label      | Attribution Score | Word Importance   |
|------------------------|-----------------------|------------------------|-------------------|---|
| SurroundingEnvironment | Normal (0.99)         | SurroundingEnvironment | 1.68              | #s a passenger aircraft is nearby . #/s                         |
| Normal                 | Normal (0.99)         | Normal                 | 0.71              | #s fly with caution #/s   |
| Normal                 | SoftwareFault (0.93)  | Normal                 | -1.95             | #s account not logged in . #/s                                  |
| ParamViolation         | ParamViolation (0.88) | ParamViolation         | 1.45              | #s flight altitude and distance restricted to nnn and nnn . #/s |
| Normal                 | Normal (0.99)         | Normal                 | 1.06              | #s check and log in #/s   |
| Normal                 | Normal (0.99)         | Normal                 | 1.82              | #s activetrack flight paused #/s                                |
| Normal                 | Normal (0.99)         | Normal                 | 1.86              | #s aircraft activetrack available at max speed . #/s            |
| Normal                 | Normal (0.95)         | Normal                 | -1.73             | #s obstacle avoidance is not available #/s                      |
| Normal                 | Normal (0.99)         | Normal                 | 1.86              | #s aircraft activetrack available at max speed . #/s            |
| Normal                 | SoftwareFault (0.58)  | Normal                 | -0.20             | #s when exceeding nnn , obstacle avoidance is not available #/s |
| Normal                 | Normal (0.99)         | Normal                 | 1.35              | #s aircraft activetrack max speed of nnn and                    |

|                     |                                   |                            |              |   |
|---------------------|-----------------------------------|----------------------------|--------------|---|
|                     |                                   |                            |              | obstacle avoidance functions normally #/s                         |
| HardwareFault       | <b>HardwareFault (0.96)</b>       | <b>HardwareFault</b>       | <b>2.02</b>  | #s aircraft core board overheated #/s                             |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.97</b>  | #s aircraft entered fixed - wing mode . #/s                       |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.81</b>  | #s current flight speed is mnin . #/s                             |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.82</b>  | #s press c2 to exit #/s   |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.53</b>  | #s aircraft flight control unlocked #/s                           |
| RegulationViolation | <b>RegulationViolation (0.33)</b> | <b>RegulationViolation</b> | <b>1.53</b>  | #s aircraft in restricted zones . #/s                             |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>2.02</b>  | #s check map to find recommended zones #/s                        |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>2.31</b>  | #s aircraft is in attitude mode , so that it will not hover . #/s |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.69</b>  | #s please fly with caution . #/s                                  |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>2.39</b>  | #s aircraft is in tripod mode . #/s                               |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.70</b>  | #s exit this mode and try again #/s                               |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>-0.77</b> | #s aircraft is returning to the starting point #/s                |
| ParamViolation      | <b>ParamViolation (0.87)</b>      | <b>ParamViolation</b>      | <b>1.93</b>  | #s aircraft out of range #/s                                      |

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| <b>RegulationViolation</b> | <b>RegulationViolation (0.34)</b> | <b>RegulationViolation</b> | <b>2.46</b> | #s approaching a no - fly zone . #/s                      |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.57</b> | #s rth may be affected . #/s                              |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>0.71</b> | #s fly with caution #/s                                   |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.90</b> | #s arrived at start point . #/s                           |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.79</b> | #s starting waypoint mission #/s                          |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.69</b> | #s auto landing initiated #/s                             |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>0.45</b> | #s auxiliary bottom light turned off #/s                  |
| <b>SoftwareFault</b>       | <b>SoftwareFault (0.94)</b>       | <b>SoftwareFault</b>       | <b>1.79</b> | #s backward obstacle sensing is not functioning . #/s     |
| <b>HardwareFault</b>       | <b>HardwareFault (0.96)</b>       | <b>HardwareFault</b>       | <b>1.24</b> | #s battery cell broken , please replace the battery #/s   |
| <b>HardwareFault</b>       | <b>HardwareFault (0.96)</b>       | <b>HardwareFault</b>       | <b>0.64</b> | #s battery error . #/s                                    |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>0.51</b> | #s aircraft returning to home automatically #/s           |
| <b>HardwareFault</b>       | <b>HardwareFault (0.96)</b>       | <b>HardwareFault</b>       | <b>1.38</b> | #s battery power low . #/s                                |
| <b>Normal</b>              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>0.51</b> | #s check battery status and charge or warm up battery #/s |
| <b>HardwareFault</b>       | <b>HardwareFault (0.53)</b>       | <b>HardwareFault</b>       | <b>0.75</b> | #s cache space full #/s                                   |

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| <b>SurroundingEnvironment</b> | <b>SoftwareFault (0.74)</b> | <b>SurroundingEnvironment</b> | <b>1.25</b> | #s calibration<br>subject is too<br>close . #/s  |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>2.45</b> | #s recalibrate<br>using a<br>subject that is<br>farther away<br>#/s                      |
| <b>HardwareFault</b>          | <b>HardwareFault (0.84)</b> | <b>HardwareFault</b>          | <b>1.32</b> | #s camera<br>busy , cannot<br>enter<br>playback #/s                                      |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b>          | <b>1.27</b> | #s cannot<br>enable<br>intelligent<br>flight mode<br>#/s                                 |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b>          | <b>1.13</b> | #s low<br>battery #/s  |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b>          | <b>1.01</b> | #s cannot<br>start return<br>to home due<br>to weak gps<br>signal #/s                    |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b>          | <b>1.24</b> | #s cannot<br>start self -<br>timer . #/s   |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.56)</b> | <b>SoftwareFault</b>          | <b>1.39</b> | #s exposure<br>time is too<br>long #/s   |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b>          | <b>0.90</b> | #s cannot<br>switch flight<br>mode . #/s   |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>2.92</b> | #s turn on "<br>multiple flight<br>modes " to<br>enable atti<br>and sport<br>modes . #/s |
| <b>SoftwareFault</b>          | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b>          | <b>1.04</b> | #s cannot<br>track subject<br>#/s  |
| <b>SurroundingEnvironment</b> | <b>SoftwareFault (0.94)</b> | <b>SurroundingEnvironment</b> | <b>1.19</b> | #s no image<br>#/s   |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>0.53</b> | #s please<br>retry #/s   |
|                               |                             |                               |             | #s cannot  |

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| <b>SoftwareFault</b>          | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b>          | <b>1.04</b> | track subject<br>#/s   |
| <b>SurroundingEnvironment</b> | <b>SoftwareFault (0.94)</b> | <b>SurroundingEnvironment</b> | <b>1.30</b> | #s subject<br>too large #/s  |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>2.19</b> | #s move<br>away and<br>retry #/s   |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>1.58</b> | #s color<br>display in the<br>liveview has<br>been<br>enhanced .<br>#/s                                  |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>2.81</b> | #s videos and<br>photos will<br>still be shot in<br>d - log mode<br>#/s                                  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b>          | <b>1.53</b> | #s compass<br>abnormal .<br>#/s  |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>3.48</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 (0.99)</b>        | <b>Normal</b>                 | <b>2.18</b> | #s the<br>ground or<br>walls may<br>contain metal<br>. #/s   |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>2.39</b> | #s move<br>away from<br>sources of<br>interference<br>before<br>attempting<br>flight . #/s               |
| <b>Normal</b>                 | <b>Normal (0.99)</b>        | <b>Normal</b>                 | <b>1.33</b> | #s 2 .<br>calibrate<br>compass<br>before takeoff<br>#/s  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b>          | <b>0.82</b> | #s compass<br>error #/s  |
|                               |                             |                               |             | #s compass   |

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| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>2.38</b> | error ,<br>calibration<br>required #/s                  |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>0.76</b> | #s compass<br>error . #/s                               |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>0.76</b> | #s compass<br>error . #/s                               |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>1.50</b> | #s compass<br>disconnected<br>#/s                       |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>0.76</b> | #s compass<br>error . #/s                               |
| <b>SurroundingEnvironment</b> | <b>SurroundingEnvironment (0.90)</b> | <b>SurroundingEnvironment</b> | <b>1.24</b> | #s magnetic<br>filed<br>interference .<br>#/s           |
| <b>Normal</b>                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>1.68</b> | #s exit p -<br>gps mode #/s                             |
| <b>SoftwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>SoftwareFault</b>          | <b>1.09</b> | #s compass<br>initialization<br>failed . #/s            |
| <b>Normal</b>                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>1.21</b> | #s restart<br>aircraft #/s                              |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>1.73</b> | #s critical<br>low battery .<br>#/s                     |
| <b>Normal</b>                 | <b>Normal (0.97)</b>                 | <b>Normal</b>                 | <b>0.25</b> | #s aircraft in<br>auto power<br>off protection<br>. #/s |
| <b>Normal</b>                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>1.85</b> | #s forced<br>landing in<br>progress #/s                 |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>1.73</b> | #s critical<br>low battery .<br>#/s                     |
| <b>Normal</b>                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>0.70</b> | #s aircraft<br>landing<br>automatically<br>#/s          |
| <b>HardwareFault</b>          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | <b>1.73</b> | #s critical<br>low battery .<br>#/s                     |
| <b>Normal</b>                 | <b>Normal (0.99)</b>                 | <b>Normal</b>                 | <b>2.32</b> | #s return to<br>home or land<br>promptly #/s            |
|                               |                                      |                               |             | #s critically   |

|                      |                             |                      |             |   |
|----------------------|-----------------------------|----------------------|-------------|---|
| <b>HardwareFault</b> | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b> | <b>1.80</b> | low power .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>1.43</b> | #s aircraft is landing #/s  |
| <b>HardwareFault</b> | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b> | <b>1.80</b> | #s critically low power .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.34</b> | #s aircraft landing . #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.34</b> | #s aircraft landing . #/s   |
|                      |                             |                      |             | #s throttle up to reduce the speed of descent and use sticks to avoid obstacles #/s |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.26</b> | #s critically   |
| <b>HardwareFault</b> | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b> | <b>1.50</b> | low voltage warning . #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.03</b> | #s aircraft will be forced to land #/s  |
| <b>HardwareFault</b> | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b> | <b>1.76</b> | #s critically low voltage .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.83</b> | #s aircraft will land #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.46</b> | #s data recorder file index is 15 .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.09</b> | #s data recorder file index is 17 .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.32</b> | #s data recorder file index is 30 .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.32</b> | #s data recorder file index is 45 .<br>#/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.67</b> | #s data recorder file index is 46 .   |

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|------------------------|--------------------------------------|------------------------|--------------|---|
|                        |                                      |                        |              | #/s   |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>2.41</b>  | #s data recorder file index is 65 . #/s                         |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.69</b>  | #s disable sd card read and write protection or change card #/s |
| CommunicationIssue     | <b>CommunicationIssue (0.47)</b>     | CommunicationIssue     | <b>1.62</b>  | #s downlink lost . #/s  |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>2.60</b>  | #s downlink restored ( after 0m 2 . 9s ) . #/s                  |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>-0.03</b> | #s drone is vibrating #/s                                       |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>-0.77</b> | #s entered cruise control mode . #/s                            |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>-2.23</b> | #s press c1 or c2 to exit #/s                                   |
| ParamViolation         | <b>ParamViolation (0.87)</b>         | ParamViolation         | <b>1.72</b>  | #s excessive attitude angle detected #/s                        |
| SoftwareFault          | <b>SoftwareFault (0.94)</b>          | SoftwareFault          | <b>0.99</b>  | #s forward obstacle avoidance has stopped working #/s           |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.81</b>  | #s exit backward sensing system #/s                             |
| SurroundingEnvironment | <b>SurroundingEnvironment (0.90)</b> | SurroundingEnvironment | <b>2.08</b>  | #s ambient light is too weak #/s                                |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.93</b>  | #s exited visual avoidance system . #/s                         |
| SoftwareFault          | <b>SoftwareFault (0.93)</b>          | SoftwareFault          | <b>0.58</b>  | #s exiting gps mode : unknown                                   |

|                       |  |                               |              |  |
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| <b>ParamViolation</b> | <b>ParamViolation<br/>(0.89)</b>         | <b>ParamViolation</b>         | <b>0.16</b>  | error #/s  |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>2.12</b>  | #s extra payload detected . #/s  |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>0.71</b>  | #s flight performance will be affected . #/s                           |
| <b>SoftwareFault</b>  | <b>SoftwareFault (0.94)</b>              | <b>SoftwareFault</b>          | <b>1.81</b>  | #s fly with caution #/s  |
| <b>SoftwareFault</b>  | <b>SoftwareFault (0.94)</b>              | <b>SoftwareFault</b>          | <b>1.27</b>  | #s forward obstacle sensing is not functioning . #/s                   |
| <b>HardwareFault</b>  | <b>HardwareFault (0.96)</b>              | <b>HardwareFault</b>          | <b>2.23</b>  | #s forward obstacle sensing not responding #/s                         |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>2.59</b>  | #s gimbal motor overloaded . #/s                                       |
| <b>HardwareFault</b>  | <b>HardwareFault (0.96)</b>              | <b>HardwareFault</b>          | <b>1.72</b>  | #s check whether gimbal can rotate freely #/s                          |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>0.24</b>  | #s gimbal pitch limit reached . #/s                                    |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>1.81</b>  | #s ground plain . #/s  |
| <b>ParamViolation</b> | <b>SurroundingEnvironment<br/>(0.90)</b> | <b>ParamViolation</b>         | <b>-1.57</b> | #s safe to land . #/s  |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>2.13</b>  | #s high altitude . #/s   |
| <b>Normal</b>         | <b>Normal (0.99)</b>                     | <b>Normal</b>                 | <b>0.71</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>(0.90)</b>        | <b>SurroundingEnvironment</b> | <b>-1.68</b> | #s ensure the aircraft remains                         |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>1.70</b>  | within your line of sight and fly with caution. #/s    |
| <b>SurroundingEnvironment</b> | <b>(0.90)</b>        | <b>SurroundingEnvironment</b> | <b>-1.68</b> | #s high wind velocity. #/s                             |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>1.70</b>  | #s ensure the aircraft remains                         |
| <b>SurroundingEnvironment</b> | <b>(0.90)</b>        | <b>SurroundingEnvironment</b> | <b>-1.68</b> | #s high wind velocity. #/s                             |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>2.62</b>  | #s fly with caution and land in a safe place asap. #/s |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>1.21</b>  | #s high altitude flight #/s                            |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>0.71</b>  | #s fly with caution #/s                                |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>2.00</b>  | #s aircraft braking distance is extended #/s           |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>0.23</b>  | #s flight time is shortened. #/s                       |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>1.55</b>  | #s home point updated. #/s                             |
| <b>ParamViolation</b>         | <b>(0.86)</b>        | <b>ParamViolation</b>         | <b>1.78</b>  | #s imu attitude restricted. #/s                        |
| <b>Normal</b>                 | <b>Normal (0.99)</b> | <b>Normal</b>                 | <b>0.76</b>  | #s ensure aircraft is level #/s                        |
| <b>SoftwareFault</b>          | <b>Normal (0.99)</b> | <b>SoftwareFault</b>          | <b>-0.26</b> | #s imu not   |

|                        |                                      |                               |       |   |
|------------------------|--------------------------------------|-------------------------------|-------|---|
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | 2.22  | calibrated . #/s                                    |
| Normal                 | <b>SoftwareFault (0.94)</b>          | Normal                        | -1.49 | #s <b>calibrate imu</b> #/s                         |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | 1.07  | #s <b>landing canceled</b> . #/s                    |
| Normal                 | <b>Normal (0.98)</b>                 | Normal                        | 1.55  | #s <b>landing gear function restored</b> #/s        |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | 1.61  | #s <b>landing gear paused</b> . #/s                 |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | -0.28 | #s <b>home point recorded</b> #/s                   |
| Normal                 | <b>ParamViolation (0.47)</b>         | Normal                        | -1.98 | #s live stream video frame rate less than 9hz . #/s |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | 0.71  | #s fly with caution #/s                             |
| HardwareFault          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | -0.37 | #s low power . #/s                                  |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | -1.12 | #s aircraft is returning to the home point . #/s    |
| HardwareFault          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | -0.37 | #s low power . #/s                                  |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | -0.92 | #s returning home . #/s                             |
| SurroundingEnvironment | <b>SurroundingEnvironment (0.90)</b> | <b>SurroundingEnvironment</b> | 1.24  | #s magnetic filed interference . #/s                |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                        | 1.21  | #s exit p - gps mode . #/s                          |
| HardwareFault          | <b>HardwareFault (0.96)</b>          | <b>HardwareFault</b>          | 1.70  | #s yaw error . #/s                                  |
| SurroundingEnvironment | <b>SurroundingEnvironment (0.90)</b> | <b>SurroundingEnvironment</b> | 1.58  | #s manned aircraft detected                         |

|                       |                              |                       |              |  |
|-----------------------|------------------------------|-----------------------|--------------|--|
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>         | <b>0.71</b>  | nearby . #/s<br>#s fly with caution #/s  |
| <b>ParamViolation</b> | <b>ParamViolation (0.89)</b> | <b>ParamViolation</b> | <b>-0.18</b> | #s max altitude approached . #/s<br>#s wait for the gps satellite                                  |
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>         | <b>1.66</b>  | #s signal recovery before ascend #/s   |
| <b>ParamViolation</b> | <b>ParamViolation (0.89)</b> | <b>ParamViolation</b> | <b>1.28</b>  | #s max flight altitude reached . #/s<br>#s adjust in main  |
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>         | <b>0.78</b>  | #s controller settings if necessary #/s  |
| <b>ParamViolation</b> | <b>ParamViolation (0.89)</b> | <b>ParamViolation</b> | <b>1.17</b>  | #s max flight distance reached . #/s<br>#s adjust in main  |
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>         | <b>1.76</b>  | #s controller settings if necessary . #/s<br>#s maximum flight distance reached . #/s              |
| <b>ParamViolation</b> | <b>ParamViolation (0.89)</b> | <b>ParamViolation</b> | <b>1.34</b>  | #s adjust the distance in mc settings if required . #/s<br>#s mobile device cpu fully loaded . #/s |
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>         | <b>1.71</b>  | #s related performance will be affected . #/s<br>#s mobile   |
| <b>HardwareFault</b>  | <b>HardwareFault (0.96)</b>  | <b>HardwareFault</b>  | <b>2.20</b>  |  |
| <b>Normal</b>         | <b>Normal (0.99)</b>         | <b>Normal</b>         | <b>1.45</b>  |  |

|                      |                             |                      |              |   |
|----------------------|-----------------------------|----------------------|--------------|---|
| <b>SoftwareFault</b> | <b>Normal (0.99)</b>        | <b>SoftwareFault</b> | <b>-1.61</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 (0.78)</b>        | <b>Normal</b>        | <b>-0.51</b> | #s motor is<br>blocked . #/s  |
| <b>HardwareFault</b> | <b>HardwareFault (0.96)</b> | <b>HardwareFault</b> | <b>1.65</b>  | #s motor<br>stuck . #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>2.40</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 (0.72)</b>        | <b>Normal</b>        | <b>-0.14</b> | #s motors<br>started . #/s  |
| <b>SoftwareFault</b> | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b> | <b>1.59</b>  | #s no gps<br>signal . #/s   |
| <b>Normal</b>        | <b>HardwareFault (0.96)</b> | <b>Normal</b>        | <b>-1.22</b> | #s aircraft<br>unable to<br>hover . #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.71</b>  | #s fly with<br>caution #/s  |
| <b>SoftwareFault</b> | <b>SoftwareFault (0.94)</b> | <b>SoftwareFault</b> | <b>1.59</b>  | #s no gps<br>signal . #/s   |
| <b>Normal</b>        | <b>HardwareFault (0.96)</b> | <b>Normal</b>        | <b>0.44</b>  | #s unable to<br>hover . #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>0.71</b>  | #s fly with<br>caution #/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>1.56</b>  | #s obstacle<br>avoidance<br>disabled . #/s  |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>1.71</b>  | #s landing<br>gear lowered<br>. #/s   |
| <b>Normal</b>        | <b>Normal (0.99)</b>        | <b>Normal</b>        | <b>1.56</b>  | #s obstacle<br>avoidance<br>disabled . #/s  |

|                        |                                      |                        |             |   |
|------------------------|--------------------------------------|------------------------|-------------|---|
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.56</b> | #s obstacle avoidance disabled . #/s                  |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.71</b> | #s landing gear lowered . #/s                         |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.36</b> | #s obstacle avoidance has been disabled . #/s         |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.36</b> | #s precision landing #/s                              |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.29</b> | #s quickshot has ended #/s                            |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.66</b> | #s recenter gimbal pan #/s                            |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.69</b> | #s rectifying aircraft position #/s                   |
| SurroundingEnvironment | <b>SurroundingEnvironment (0.90)</b> | SurroundingEnvironment | <b>1.89</b> | high interference environment . #/s                   |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>2.14</b> | #s manually adjust flight route or return to home #/s |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>0.25</b> | #s return - to - home altitude : 65ft #/s             |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>2.65</b> | #s return - to - home altitude : 98ft . #/s           |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.26</b> | #s rth : ascending to rth altitude . #/s              |
| Normal                 | <b>Normal (0.99)</b>                 | Normal                 | <b>1.68</b> | #s rth : heading alignment . #/s                      |

|                        |                               |                        |       |  |
|------------------------|-------------------------------|------------------------|-------|--|
| Normal                 | Normal (0.99)                 | Normal                 | 1.37  | #s rth<br>altitude : 65ft<br>. #/s   |
| Normal                 | Normal (0.99)                 | Normal                 | -0.41 | #s rth<br>altitude : 98ft<br>. #/s   |
| CommunicationIssue     | CommunicationIssue (0.48)     | CommunicationIssue     | 1.41  | #s signal lost<br>. #/s  |
| Normal                 | Normal (0.99)                 | Normal                 | 2.09  | #s aircraft<br>returning to<br>home point<br>. #/s                           |
| Normal                 | Normal (0.99)                 | Normal                 | 1.16  | #s sprayer<br>turned on #/s  |
| SurroundingEnvironment | SurroundingEnvironment (0.90) | SurroundingEnvironment | 1.81  | #s strong<br>wind warning<br>. #/s   |
| SoftwareFault          | SoftwareFault (0.89)          | SoftwareFault          | 1.05  | #s aircraft<br>unable to<br>return to<br>home<br>automatically<br>. #/s      |
| Normal                 | Normal (0.99)                 | Normal                 | 2.10  | #s lower<br>altitude<br>immediately<br>and return to<br>home<br>manually #/s |
| Normal                 | Normal (0.99)                 | Normal                 | 1.79  | #s switched<br>to s ( sport ) -<br>mode . #/s                                |
| Normal                 | Normal (0.99)                 | Normal                 | 2.10  | #s switched<br>to t ( tripod ) -<br>mode . #/s                               |
| Normal                 | Normal (0.99)                 | Normal                 | 2.24  | #s take off in<br>p - mode #/s<br>#s vision                                  |
| SoftwareFault          | HardwareFault (0.96)          | SoftwareFault          | 0.02  | sensor error .<br>. #/s<br>#s contact dji                                    |
| Normal                 | Normal (0.99)                 | Normal                 | 2.29  | #s support for<br>assistance<br>. #/s<br>#s vision<br>systems and            |
| Normal                 | Normal (0.99)                 | Normal                 | 2.17  | obstacle<br>avoidance  |

|                     |                                   |                            |              |   |
|---------------------|-----------------------------------|----------------------------|--------------|---|
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>0.04</b>  | disabled #/s<br>#s waypoint<br>mission<br>paused #/s                                      |
| SoftwareFault       | <b>SoftwareFault (0.94)</b>       | <b>SoftwareFault</b>       | <b>1.20</b>  | #s weak gps<br>signal . #/s   |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>-1.30</b> | #s aircraft is<br>in attitude<br>mode and<br>hovering may<br>be unstable .<br>#/s         |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.14</b>  | #s fly with<br>caution . #/s  |
| CommunicationIssue  | <b>CommunicationIssue (0.47)</b>  | <b>CommunicationIssue</b>  | <b>1.28</b>  | #s weak<br>signal . #/s   |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>0.72</b>  | #s adjust<br>antennas #/s   |
| RegulationViolation | <b>RegulationViolation (0.33)</b> | <b>RegulationViolation</b> | <b>2.58</b>  | #s your<br>aircraft is<br>flying in an<br>altitude zone<br>( nnn ) . #/s<br>#s please fly |
| Normal              | <b>Normal (0.99)</b>              | <b>Normal</b>              | <b>1.58</b>  | #s please fly<br>with caution<br>#/s  |