

Legend: ■ Negative □ Neutral ■ Positive

| True Label             | Predicted Label       | Attribution Label | Attribution Score | Word Importance   |
|------------------------|-----------------------|-------------------|-------------------|---|
| SurroundingEnvironment | Normal (0.30)         | Normal            | 0.77              | [CLS] <span style="color: green;">a</span> passenger aircraft is nearby . [SEP]   |
|                        |                       |                   |                   | [CLS] <span style="color: green;">fly</span> with caution [SEP]   |
|                        |                       |                   |                   | [CLS] <span style="color: red;">account</span> not logged in . [SEP]  |
| Normal                 | Normal (0.29)         | Normal            | 1.28              | [CLS] <span style="color: green;">flight</span> altitude and distance restricted to nnn and nnn . [SEP]                       |
|                        |                       |                   |                   | [CLS] <span style="color: green;">check</span> and log in [SEP]   |
|                        |                       |                   |                   | [CLS] <span style="color: green;">activetrack</span> flight paused [SEP]  |
| ParamViolation         | ParamViolation (0.59) | ParamViolation    | 2.29              | [CLS] <span style="color: green;">aircraft</span> <span style="color: red;">activetrack</span> available at max speed . [SEP] |
|                        |                       |                   |                   | [CLS] <span style="color: green;">obstacle</span> avoidance is not available [SEP]  |
|                        |                       |                   |                   | [CLS] <span style="color: green;">aircraft</span> <span style="color: red;">activetrack</span> available at max speed . [SEP] |
| Normal                 | Normal (0.30)         | Normal            | 0.64              | [CLS] <span style="color: green;">when</span> exceeding nnn , obstacle avoidance is not available [SEP]                       |
|                        |                       |                   |                   | [CLS] <span style="color: red;">aircraft</span>   |
|                        |                       |                   |                   |   |
| Normal                 | Normal (0.30)         | Normal            | 0.94              |   |
|                        |                       |                   |                   |   |
|                        |                       |                   |                   |   |
| Normal                 | Normal (0.30)         | Normal            | 0.64              |   |
|                        |                       |                   |                   |   |
|                        |                       |                   |                   |   |
| Normal                 | Normal (0.30)         | Normal            | 0.36              |   |
|                        |                       |                   |                   |   |
|                        |                       |                   |                   |   |
| Normal                 | Normal (0.30)         | Normal            | 0.22              |   |
|                        |                       |                   |                   |   |
|                        |                       |                   |                   |   |

|                     |                            |                     |      |  |
|---------------------|----------------------------|---------------------|------|--|
| Normal              | Normal (0.31)              | Normal              | 0.08 | activetrack<br>max speed of<br>nnn and<br>obstacle<br>avoidance<br>functions<br>normally<br>[SEP]<br>[CLS] aircraft<br>core board<br>overheated<br>[SEP] |
|                     |                            |                     |      | [CLS] aircraft<br>entered fixed<br>- wing mode .<br>[SEP]  |
|                     |                            |                     |      | [CLS] current<br>flight speed is<br>nnn . [SEP]  |
|                     |                            |                     |      | [CLS] press<br>c2 to exit<br>[SEP]   |
|                     |                            |                     |      | [CLS] aircraft<br>flight control<br>unlocked<br>[SEP]  |
| RegulationViolation | RegulationViolation (0.49) | RegulationViolation | 1.81 | [CLS] aircraft<br>in restricted<br>zones . [SEP]   |
| Normal              | Normal (0.30)              | Normal              | 1.38 | [CLS] check<br>map to find<br>recommended<br>zones [SEP]   |
|                     |                            |                     |      | [CLS] aircraft<br>is in attitude<br>mode , so that<br>it will not<br>hover . [SEP]   |
|                     |                            |                     |      | [CLS] please<br>fly with<br>caution .<br>[SEP]   |
| Normal              | Normal (0.30)              | Normal              | 1.01 | [CLS] aircraft<br>is in tripod<br>mode . [SEP]   |
| Normal              | Normal (0.30)              | Normal              | 1.95 | [CLS] exit<br>this mode and<br>try again   |

|                     |                            |                     |      |   |
|---------------------|----------------------------|---------------------|------|---|
| Normal              | Normal (0.30)              | Normal              | 1.53 | [SEP]   |
|                     |                            |                     |      | [CLS] aircraft is returning to the starting point |
|                     |                            |                     |      | [SEP]   |
| ParamViolation      | ParamViolation (0.62)      | ParamViolation      | 1.92 | [CLS] aircraft out of range                       |
| RegulationViolation | RegulationViolation (0.45) | RegulationViolation | 2.09 | [SEP]   |
|                     |                            |                     |      | [CLS] approaching a no - fly zone .               |
|                     |                            |                     |      | [SEP]   |
| Normal              | Normal (0.30)              | Normal              | 1.18 | [CLS] rth may be affected .                       |
| Normal              | Normal (0.29)              | Normal              | 1.28 | [SEP]   |
|                     |                            |                     |      | [CLS] fly with caution                            |
|                     |                            |                     |      | [SEP]   |
| Normal              | Normal (0.30)              | Normal              | 1.11 | [CLS] arrived at start point .                    |
|                     |                            |                     |      | [SEP]   |
|                     |                            |                     |      |   |
| Normal              | Normal (0.30)              | Normal              | 0.86 | [CLS] starting waypoint mission                   |
|                     |                            |                     |      | [SEP]   |
|                     |                            |                     |      |   |
| Normal              | Normal (0.29)              | Normal              | 1.60 | [CLS] auto landing initiated                      |
|                     |                            |                     |      | [SEP]   |
|                     |                            |                     |      |   |
| Normal              | Normal (0.30)              | Normal              | 0.91 | [CLS]   |
|                     |                            |                     |      | auxiliary bottom light turned off                 |
|                     |                            |                     |      | [SEP]   |
| SoftwareFault       | SoftwareFault (0.75)       | SoftwareFault       | 1.65 | [CLS]   |
|                     |                            |                     |      | backward obstacle sensing is not functioning .    |
|                     |                            |                     |      | [SEP]   |
| HardwareFault       | HardwareFault (0.64)       | HardwareFault       | 1.58 | [CLS] battery cell broken ,                       |
|                     |                            |                     |      | please replace the battery                        |
|                     |                            |                     |      | [SEP]   |
| HardwareFault       | HardwareFault (0.62)       | HardwareFault       | 0.77 | [CLS] battery error .                             |
|                     |                            |                     |      | [SEP]   |
|                     |                            |                     |      |   |
|                     |                            |                     |      | [CLS] aircraft returning to                       |
|                     |                            |                     |      |   |
|                     |                            |                     |      |   |

|                        |                       |                |       |   |
|------------------------|-----------------------|----------------|-------|---|
| Normal                 | Normal (0.30)         | Normal         | 1.97  | home<br>automatically<br>[SEP]  |
| HardwareFault          | HardwareFault (0.63)  | HardwareFault  | 1.89  | [CLS] battery<br>power low .<br>[SEP]                                       |
| Normal                 | Normal (0.30)         | Normal         | 1.64  | [CLS] check<br>battery status<br>and charge or<br>warm up<br>battery [SEP]  |
| HardwareFault          | HardwareFault (0.57)  | HardwareFault  | 1.44  | [CLS] cache<br>space full<br>[SEP]  |
| SurroundingEnvironment | SoftwareFault (0.75)  | SoftwareFault  | -1.14 | [CLS]<br>calibration<br>subject is too<br>close . [SEP]                     |
| Normal                 | Normal (0.30)         | Normal         | 0.31  | [CLS]<br>recalibrate<br>using a<br>subject that is<br>farther away<br>[SEP] |
| HardwareFault          | HardwareFault (0.61)  | HardwareFault  | 1.45  | [CLS] camera<br>busy , cannot<br>enter<br>playback<br>[SEP]                 |
| SoftwareFault          | SoftwareFault (0.74)  | SoftwareFault  | 1.04  | [CLS] cannot<br>enable<br>intelligent<br>flight mode<br>[SEP]               |
| HardwareFault          | HardwareFault (0.60)  | HardwareFault  | 1.60  | [CLS] low<br>battery [SEP]  |
| SoftwareFault          | SoftwareFault (0.76)  | SoftwareFault  | 1.37  | [CLS] cannot<br>start return<br>to home due<br>to weak gps<br>signal [SEP]  |
| SoftwareFault          | SoftwareFault (0.74)  | SoftwareFault  | 1.16  | [CLS] cannot<br>start self -<br>timer . [SEP]                               |
| SoftwareFault          | ParamViolation (0.41) | ParamViolation | -0.05 | [CLS]<br>exposure time<br>is too long<br>[SEP]                              |

|                        |                      |               |       |   |
|------------------------|----------------------|---------------|-------|---|
| SoftwareFault          | SoftwareFault (0.74) | SoftwareFault | 1.05  | [CLS] cannot switch flight mode . [SEP]   |
| Normal                 | Normal (0.30)        | Normal        | 1.67  | [CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]        |
| SoftwareFault          | SoftwareFault (0.72) | SoftwareFault | 1.06  | [CLS] cannot track subject [SEP]  |
| SurroundingEnvironment | SoftwareFault (0.68) | SoftwareFault | -1.09 | [CLS] no image [SEP]  |
| Normal                 | Normal (0.29)        | Normal        | 1.11  | [CLS] please retry [SEP]  |
| SoftwareFault          | SoftwareFault (0.72) | SoftwareFault | 1.06  | [CLS] cannot track subject [SEP]  |
| SurroundingEnvironment | SoftwareFault (0.72) | SoftwareFault | -1.01 | [CLS] subject too large [SEP]   |
| Normal                 | Normal (0.30)        | Normal        | 1.22  | [CLS] move away and retry [SEP]   |
| Normal                 | Normal (0.30)        | Normal        | 1.60  | [CLS] color display in the liveview has been enhanced . [SEP]                         |
| Normal                 | Normal (0.31)        | Normal        | 1.46  | [CLS] videos and photos will still be shot in d - log mode [SEP]                      |
| HardwareFault          | HardwareFault (0.62) | HardwareFault | 1.45  | [CLS] compass abnormal . [SEP]  |
| Normal                 | Normal (0.31)        | Normal        | 0.07  | [CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft . |

|                        |                               |                        |      |   |
|------------------------|-------------------------------|------------------------|------|---|
|                        |                               |                        |      | [SEP]   |
| Normal                 | Normal (0.30)                 | Normal                 | 0.57 | [CLS] the ground or walls may contain metal . [SEP]                           |
| Normal                 | Normal (0.30)                 | Normal                 | 0.78 | [CLS] move away from sources of interference before attempting flight . [SEP] |
| Normal                 | Normal (0.30)                 | Normal                 | 1.28 | [CLS] 2 . calibrate compass before takeoff [SEP]                              |
| HardwareFault          | HardwareFault (0.61)          | HardwareFault          | 0.78 | [CLS] compass error [SEP]   |
| HardwareFault          | HardwareFault (0.38)          | HardwareFault          | 0.89 | [CLS] compass error , calibration required [SEP]                              |
| HardwareFault          | HardwareFault (0.62)          | HardwareFault          | 0.96 | [CLS] compass error . [SEP]   |
| HardwareFault          | HardwareFault (0.62)          | HardwareFault          | 0.96 | [CLS] compass error . [SEP]   |
| HardwareFault          | HardwareFault (0.61)          | HardwareFault          | 1.55 | [CLS] compass disconnected [SEP]  |
| HardwareFault          | HardwareFault (0.62)          | HardwareFault          | 0.96 | [CLS] compass error . [SEP]   |
| SurroundingEnvironment | SurroundingEnvironment (0.69) | SurroundingEnvironment | 1.42 | [CLS] magnetic filed interference . [SEP]                                     |
| Normal                 | Normal (0.30)                 | Normal                 | 1.55 | [CLS] exit p - gps mode [SEP]   |

|               |                      |               |       |                |
|---------------|----------------------|---------------|-------|----------------|
| SoftwareFault | HardwareFault (0.61) | HardwareFault | -0.01 | [CLS]          |
|               |                      |               |       | compass        |
|               |                      |               |       | initialization |
| Normal        | Normal (0.29)        | Normal        | 0.46  | failed . [SEP] |
|               |                      |               |       | [CLS] restart  |
|               |                      |               |       | aircraft [SEP] |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 1.92  | [CLS] critical |
|               |                      |               |       | low battery .  |
|               |                      |               |       | [SEP]          |
| Normal        | Normal (0.30)        | Normal        | 1.43  | [CLS] aircraft |
|               |                      |               |       | in auto power  |
|               |                      |               |       | off protection |
| Normal        | Normal (0.30)        | Normal        | 1.71  | . [SEP]        |
|               |                      |               |       | [CLS] forced   |
|               |                      |               |       | landing in     |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 1.92  | progress       |
|               |                      |               |       | [SEP]          |
|               |                      |               |       | [CLS] critical |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 1.92  | low battery .  |
|               |                      |               |       | [SEP]          |
|               |                      |               |       | [CLS] aircraft |
| Normal        | Normal (0.29)        | Normal        | 0.95  | landing        |
|               |                      |               |       | automatically  |
|               |                      |               |       | [SEP]          |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 1.92  | [CLS] critical |
|               |                      |               |       | low battery .  |
|               |                      |               |       | [SEP]          |
| Normal        | Normal (0.30)        | Normal        | 1.42  | [CLS] return   |
|               |                      |               |       | to home or     |
|               |                      |               |       | land promptly  |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 2.01  | [SEP]          |
|               |                      |               |       | [CLS]          |
|               |                      |               |       | critically low |
| Normal        | Normal (0.29)        | Normal        | 0.69  | power . [SEP]  |
|               |                      |               |       | [CLS] aircraft |
|               |                      |               |       | is landing     |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 2.01  | [SEP]          |
|               |                      |               |       | [CLS]          |
|               |                      |               |       | critically low |
| Normal        | Normal (0.29)        | Normal        | 0.68  | power . [SEP]  |
|               |                      |               |       | [CLS] aircraft |
|               |                      |               |       | landing .      |
| Normal        | Normal (0.29)        | Normal        | 0.68  | [SEP]          |
|               |                      |               |       | [CLS] aircraft |
|               |                      |               |       | landing .      |
| Normal        | Normal (0.29)        | Normal        | 0.68  | [SEP]          |
|               |                      |               |       | [CLS] throttle |
|               |                      |               |       | up to reduce   |

|               |                      |               |      |  |
|---------------|----------------------|---------------|------|--|
| Normal        | Normal (0.31)        | Normal        | 0.67 | the speed of descent and use sticks to avoid obstacles [SEP] [CLS] |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 1.48 | critically low voltage warning . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 0.58 | [CLS] aircraft will be forced to land [SEP] [CLS]                  |
| HardwareFault | HardwareFault (0.63) | HardwareFault | 1.96 | critically low voltage . [SEP] [CLS]                               |
| Normal        | Normal (0.29)        | Normal        | 0.96 | [CLS] aircraft will land [SEP] [CLS]                               |
| Normal        | Normal (0.30)        | Normal        | 1.05 | data recorder file index is 15 . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 1.23 | data recorder file index is 17 . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 1.25 | data recorder file index is 30 . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 1.10 | data recorder file index is 45 . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 1.09 | data recorder file index is 46 . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 1.20 | data recorder file index is 65 . [SEP] [CLS]                       |
| Normal        | Normal (0.30)        | Normal        | 1.28 | [CLS] disable sd card read and write                               |



|                        |                                  |                        |       |   |
|------------------------|----------------------------------|------------------------|-------|---|
|                        |                                  |                        |       | protection or<br>change card<br>[SEP]                                     |
| CommunicationIssue     | CommunicationIssue<br>(0.50)     | CommunicationIssue     | 1.80  | [CLS]<br>downlink lost<br>[SEP]   |
| Normal                 | Normal (0.30)                    | Normal                 | 0.61  | [CLS]<br>downlink<br>restored (after 0m 2<br>9s ) [SEP]                   |
| Normal                 | HardwareFault (0.60)             | HardwareFault          | -1.59 | [CLS] drone<br>is vibrating<br>[SEP]                                      |
| Normal                 | Normal (0.30)                    | Normal                 | 1.46  | [CLS] entered<br>cruise control<br>mode [SEP]                             |
| Normal                 | Normal (0.30)                    | Normal                 | 1.09  | [CLS] press<br>c1 or c2 to<br>exit [SEP]                                  |
| ParamViolation         | ParamViolation<br>(0.52)         | ParamViolation         | 1.92  | [CLS]<br>excessive<br>attitude angle<br>detected<br>[SEP]                 |
| SoftwareFault          | SoftwareFault (0.73)             | SoftwareFault          | 1.88  | [CLS] forward<br>obstacle<br>avoidance has<br>stopped<br>working<br>[SEP] |
| Normal                 | Normal (0.30)                    | Normal                 | 1.28  | [CLS] exit<br>backward<br>sensing<br>system [SEP]                         |
| SurroundingEnvironment | SurroundingEnvironment<br>(0.70) | SurroundingEnvironment | 1.64  | [CLS]<br>ambient light<br>is too weak<br>[SEP]                            |
| Normal                 | Normal (0.30)                    | Normal                 | 1.31  | [CLS] exited<br>visual<br>avoidance<br>system [SEP]                       |
| SoftwareFault          | SoftwareFault (0.74)             | SoftwareFault          | 1.16  | [CLS] exiting<br>gps mode :<br>unknown<br>error [SEP]                     |

|                |                       |                |       |   |
|----------------|-----------------------|----------------|-------|---|
| ParamViolation | ParamViolation (0.63) | ParamViolation | 1.71  | [CLS] extra payload detected . [SEP]  |
| Normal         | Normal (0.30)         | Normal         | 1.10  | [CLS] flight performance will be affected . [SEP]                           |
| Normal         | Normal (0.29)         | Normal         | 1.28  | [CLS] fly with caution [SEP]  |
| SoftwareFault  | SoftwareFault (0.75)  | SoftwareFault  | 1.51  | [CLS] forward obstacle sensing is not functioning . [SEP]                   |
| SoftwareFault  | SoftwareFault (0.74)  | SoftwareFault  | 1.60  | [CLS] forward obstacle sensing not responding [SEP]                         |
| HardwareFault  | HardwareFault (0.63)  | HardwareFault  | 1.62  | [CLS] gimbal motor overloaded . [SEP]                                       |
| Normal         | Normal (0.30)         | Normal         | 1.14  | [CLS] check whether gimbal can rotate freely [SEP]                          |
| HardwareFault  | HardwareFault (0.63)  | HardwareFault  | 2.05  | [CLS] gimbal pitch limit reached . [SEP]                                    |
| Normal         | Normal (0.29)         | Normal         | 0.43  | [CLS] ground plain . [SEP]  |
| Normal         | Normal (0.30)         | Normal         | 0.61  | [CLS] safe to land . [SEP]  |
| ParamViolation | ParamViolation (0.50) | ParamViolation | 1.66  | [CLS] high altitude . [SEP]   |
| Normal         | HardwareFault (0.47)  | HardwareFault  | -1.98 | [CLS] aircraft braking distance increased and flight time decreased . [SEP] |

|                        |                               |                        |       |  |
|------------------------|-------------------------------|------------------------|-------|--|
| Normal                 | Normal (0.29)                 | Normal                 | 1.28  | [CLS] fly with caution [SEP]   |
| SurroundingEnvironment | SurroundingEnvironment (0.69) | SurroundingEnvironment | 1.68  | [CLS] high wind velocity . [SEP]   |
| Normal                 | Normal (0.30)                 | Normal                 | 0.51  | [CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP] |
| SurroundingEnvironment | SurroundingEnvironment (0.69) | SurroundingEnvironment | 1.68  | [CLS] high wind velocity . [SEP]   |
| Normal                 | Normal (0.30)                 | Normal                 | 0.51  | [CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP] |
| SurroundingEnvironment | SurroundingEnvironment (0.69) | SurroundingEnvironment | 1.68  | [CLS] high wind velocity . [SEP]   |
| Normal                 | Normal (0.30)                 | Normal                 | 1.37  | [CLS] fly with caution and land in a safe place asap . [SEP]                             |
| Normal                 | ParamViolation (0.48)         | ParamViolation         | -1.96 | [CLS] high - altitude flight [SEP]   |
| Normal                 | Normal (0.29)                 | Normal                 | 1.28  | [CLS] fly with caution [SEP]   |
| Normal                 | Normal (0.28)                 | Normal                 | -0.04 | [CLS] aircraft braking distance is extended [SEP]  |
| Normal                 | ParamViolation (0.45)         | ParamViolation         | -1.70 | [CLS] flight time is shortened . [SEP]   |
| Normal                 | Normal (0.30)                 | Normal                 | 0.84  | [CLS] home   |

|                |                       |                |       |                |
|----------------|-----------------------|----------------|-------|----------------|
| ParamViolation | ParamViolation (0.31) | ParamViolation | 1.51  | point updated  |
|                |                       |                |       | . [SEP]        |
|                |                       |                |       | [CLS] imu      |
| Normal         | Normal (0.30)         | Normal         | 1.01  | attitude       |
|                |                       |                |       | restricted .   |
|                |                       |                |       | [SEP]          |
| SoftwareFault  | Normal (0.30)         | Normal         | -0.76 | [CLS] ensure   |
|                |                       |                |       | aircraft is    |
|                |                       |                |       | level [SEP]    |
| Normal         | Normal (0.30)         | Normal         | 1.56  | [CLS] imu not  |
|                |                       |                |       | calibrated .   |
|                |                       |                |       | [SEP]          |
| Normal         | Normal (0.28)         | Normal         | 0.14  | [CLS]          |
|                |                       |                |       | calibrate imu  |
|                |                       |                |       | [SEP]          |
| Normal         | Normal (0.30)         | Normal         | 1.48  | [CLS] landing  |
|                |                       |                |       | gear function  |
|                |                       |                |       | restored       |
| Normal         | Normal (0.30)         | Normal         | 0.71  | [SEP]          |
|                |                       |                |       | [CLS] landing  |
|                |                       |                |       | gear paused .  |
| Normal         | Normal (0.30)         | Normal         | 0.87  | [SEP]          |
|                |                       |                |       | [CLS] landing  |
|                |                       |                |       | gear raising . |
| Normal         | Normal (0.29)         | Normal         | 1.33  | [SEP]          |
|                |                       |                |       | [CLS] home     |
|                |                       |                |       | point          |
| Normal         | Normal (0.30)         | Normal         | -0.25 | recorded       |
|                |                       |                |       | [SEP]          |
|                |                       |                |       | [CLS] live     |
| Normal         | Normal (0.29)         | Normal         | 1.28  | stream video   |
|                |                       |                |       | frame rate     |
|                |                       |                |       | less than 9hz  |
| HardwareFault  | HardwareFault (0.62)  | HardwareFault  | 1.73  | . [SEP]        |
|                |                       |                |       | [CLS] fly with |
|                |                       |                |       | caution [SEP]  |
| Normal         | Normal (0.30)         | Normal         | 1.28  | [CLS] low      |
|                |                       |                |       | power . [SEP]  |
|                |                       |                |       | [CLS] aircraft |
| HardwareFault  | HardwareFault (0.62)  | HardwareFault  | 1.73  | is returning   |
|                |                       |                |       | to the home    |
|                |                       |                |       | point . [SEP]  |
| HardwareFault  | HardwareFault (0.62)  | HardwareFault  | 1.73  | [CLS] low      |
|                |                       |                |       | power . [SEP]  |
|                |                       |                |       |                |

|                        |                               |                        |      |  |
|------------------------|-------------------------------|------------------------|------|--|
| Normal                 | Normal (0.29)                 | Normal                 | 0.82 | [CLS] returning home . [SEP]   |
| SurroundingEnvironment | SurroundingEnvironment (0.69) | SurroundingEnvironment | 1.42 | [CLS] magnetic filed interference . [SEP]                            |
| Normal                 | Normal (0.30)                 | Normal                 | 1.26 | [CLS] exit p - gps mode . [SEP]                                      |
| HardwareFault          | HardwareFault (0.62)          | HardwareFault          | 2.10 | [CLS] yaw error . [SEP]  |
| SurroundingEnvironment | SurroundingEnvironment (0.62) | SurroundingEnvironment | 0.96 | [CLS] manned aircraft detected nearby . [SEP]                        |
| Normal                 | Normal (0.29)                 | Normal                 | 1.28 | [CLS] fly with caution [SEP]   |
| ParamViolation         | ParamViolation (0.49)         | ParamViolation         | 0.93 | [CLS] max altitude approached . [SEP]                                |
| Normal                 | Normal (0.30)                 | Normal                 | 0.40 | [CLS] wait for the gps satellite signal recovery before ascend [SEP] |
| ParamViolation         | ParamViolation (0.63)         | ParamViolation         | 1.98 | [CLS] max flight altitude reached . [SEP]                            |
| Normal                 | Normal (0.30)                 | Normal                 | 1.74 | [CLS] adjust in main controller settings if necessary [SEP]          |
| ParamViolation         | ParamViolation (0.63)         | ParamViolation         | 1.99 | [CLS] max flight distance reached . [SEP]                            |
|                        |                               |                        |      | [CLS] adjust   |

|                |                       |                |      |  |
|----------------|-----------------------|----------------|------|--|
| Normal         | Normal (0.30)         | Normal         | 1.51 | in main controller settings if necessary . [SEP] [CLS] maximum   |
| ParamViolation | ParamViolation (0.63) | ParamViolation | 2.12 | flight distance reached . [SEP] [CLS] adjust the distance in mc settings if required . [SEP] [CLS] mobile device cpu fully loaded . [SEP] [CLS] related performance              |
| Normal         | Normal (0.30)         | Normal         | 1.23 | will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor |
| HardwareFault  | HardwareFault (0.62)  | HardwareFault  | 1.96 | is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for   |
| Normal         | Normal (0.30)         | Normal         | 1.31 |  |
| SoftwareFault  | Normal (0.29)         | Normal         | 0.06 |  |
| Normal         | Normal (0.30)         | Normal         | 0.29 |  |
| HardwareFault  | HardwareFault (0.62)  | HardwareFault  | 1.53 |  |
| Normal         | Normal (0.30)         | Normal         | 1.29 |  |

|               |                      |               |       |  |
|---------------|----------------------|---------------|-------|--|
| Normal        | HardwareFault (0.61) | HardwareFault | -1.91 | assistance<br>[SEP]  |
|               |                      |               |       | [CLS] motors<br>started .<br>[SEP]                             |
| SoftwareFault | SoftwareFault (0.73) | SoftwareFault | 1.64  | [CLS] no gps<br>signal . [SEP]                                 |
| Normal        | HardwareFault (0.64) | HardwareFault | -0.63 | [CLS] aircraft<br>unable to<br>hover . [SEP]                   |
|               |                      |               |       | [CLS] fly with<br>caution [SEP]                                |
| SoftwareFault | SoftwareFault (0.73) | SoftwareFault | 1.64  | [CLS] no gps<br>signal . [SEP]                                 |
| Normal        | HardwareFault (0.63) | HardwareFault | -0.89 | [CLS] unable<br>to hover .<br>[SEP]                            |
|               |                      |               |       | [CLS] fly with<br>caution [SEP]                                |
| Normal        | Normal (0.30)        | Normal        | 0.69  | [CLS]<br>obstacle<br>avoidance<br>disabled .<br>[SEP]          |
|               |                      |               |       | [CLS] landing<br>gear lowered<br>. [SEP]                       |
| Normal        | Normal (0.30)        | Normal        | 0.69  | [CLS]<br>obstacle<br>avoidance<br>disabled .<br>[SEP]          |
|               |                      |               |       | [CLS]<br>obstacle<br>avoidance<br>disabled .<br>[SEP]          |
| Normal        | Normal (0.30)        | Normal        | 0.76  | [CLS] landing<br>gear lowered<br>. [SEP]                       |
|               |                      |               |       | [CLS]<br>obstacle<br>avoidance has<br>been disabled<br>. [SEP] |
| Normal        | Normal (0.29)        | Normal        | 0.88  | [CLS]<br>precision   |

|                        |                               |                        |      |   |
|------------------------|-------------------------------|------------------------|------|---|
| Normal                 | Normal (0.30)                 | Normal                 | 1.35 | landing [SEP]                               |
|                        |                               |                        |      | [CLS]                                       |
|                        |                               |                        |      | quickshot has ended [SEP]                   |
| Normal                 | Normal (0.30)                 | Normal                 | 1.57 | [CLS]                                       |
|                        |                               |                        |      | recenter                                    |
|                        |                               |                        |      | gimbal pan [SEP]                            |
| Normal                 | Normal (0.30)                 | Normal                 | 0.33 | [CLS]                                       |
|                        |                               |                        |      | rectifying                                  |
|                        |                               |                        |      | aircraft                                    |
| SurroundingEnvironment | SurroundingEnvironment (0.70) | SurroundingEnvironment | 1.84 | position [SEP]                              |
|                        |                               |                        |      | [CLS] remote controller in                  |
|                        |                               |                        |      | high interference environment . [SEP]       |
| Normal                 | Normal (0.30)                 | Normal                 | 1.82 | [CLS]                                       |
|                        |                               |                        |      | manually                                    |
|                        |                               |                        |      | adjust flight route or return to home [SEP] |
| Normal                 | Normal (0.30)                 | Normal                 | 0.91 | [CLS] return -                              |
|                        |                               |                        |      | to - home altitude : 65ft [SEP]             |
|                        |                               |                        |      | [CLS] return -                              |
| Normal                 | Normal (0.30)                 | Normal                 | 0.66 | to - home altitude : 98ft . [SEP]           |
|                        |                               |                        |      | [CLS] rth :                                 |
|                        |                               |                        |      | ascending to rth altitude . [SEP]           |
| Normal                 | Normal (0.30)                 | Normal                 | 1.73 | [CLS] rth :                                 |
|                        |                               |                        |      | heading alignment . [SEP]                   |
|                        |                               |                        |      | [CLS] rth                                   |
| Normal                 | Normal (0.30)                 | Normal                 | 1.00 | altitude : 65ft . [SEP]                     |
|                        |                               |                        |      | [CLS] rth                                   |
|                        |                               |                        |      | altitude : 98ft . [SEP]                     |
| CommunicationIssue     | CommunicationIssue (0.49)     | CommunicationIssue     | 1.18 | [CLS] signal                                |



|                        |                               |                        |      |   |
|------------------------|-------------------------------|------------------------|------|---|
|                        |                               |                        |      | lost . [SEP]                            |
|                        |                               |                        |      | [CLS] aircraft                          |
| Normal                 | Normal (0.30)                 | Normal                 | 1.73 | returning to home point [SEP]           |
|                        |                               |                        |      | [CLS] sprayer                           |
| Normal                 | Normal (0.30)                 | Normal                 | 1.68 | turned on [SEP]                         |
|                        |                               |                        |      | [CLS] strong                            |
| SurroundingEnvironment | SurroundingEnvironment (0.69) | SurroundingEnvironment | 1.50 | wind warning . [SEP]                    |
|                        |                               |                        |      | [CLS] aircraft                          |
|                        |                               |                        |      | unable to                               |
| SoftwareFault          | SoftwareFault (0.76)          | SoftwareFault          | 1.25 | return to home automatically . [SEP]    |
|                        |                               |                        |      | [CLS] lower                             |
|                        |                               |                        |      | altitude                                |
|                        |                               |                        |      | immediately                             |
| Normal                 | Normal (0.30)                 | Normal                 | 1.76 | and return to home manually [SEP]       |
|                        |                               |                        |      | [CLS]                                   |
| Normal                 | Normal (0.30)                 | Normal                 | 1.14 | switched to s ( sport ) - mode . [SEP]  |
|                        |                               |                        |      | [CLS]                                   |
| Normal                 | Normal (0.30)                 | Normal                 | 0.68 | switched to t ( tripod ) - mode . [SEP] |
|                        |                               |                        |      | [CLS] take off                          |
| Normal                 | Normal (0.30)                 | Normal                 | 1.75 | in p - mode [SEP]                       |
|                        |                               |                        |      | [CLS] vision                            |
| SoftwareFault          | HardwareFault (0.52)          | HardwareFault          | 0.07 | sensor error . [SEP]                    |
|                        |                               |                        |      | [CLS] contact                           |
| Normal                 | Normal (0.30)                 | Normal                 | 1.25 | dji support for assistance [SEP]        |
|                        |                               |                        |      | [CLS] vision                            |
|                        |                               |                        |      | systems and                             |
|                        |                               |                        |      | obstacle                                |
| Normal                 | Normal (0.30)                 | Normal                 | 1.08 | avoidance disabled [SEP]                |

|                     |                            |                     |      |                 |
|---------------------|----------------------------|---------------------|------|-----------------|
| Normal              | Normal (0.30)              | Normal              | 1.12 | [CLS]           |
|                     |                            |                     |      | waypoint        |
|                     |                            |                     |      | mission         |
| SoftwareFault       | SoftwareFault (0.73)       | SoftwareFault       | 1.65 | paused [SEP]    |
|                     |                            |                     |      | [CLS] weak      |
|                     |                            |                     |      | gps signal .    |
| Normal              | Normal (0.30)              | Normal              | 1.17 | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | is in attitude  |
| Normal              | Normal (0.30)              | Normal              | 0.73 | mode and        |
|                     |                            |                     |      | hovering may    |
|                     |                            |                     |      | be unstable .   |
| CommunicationIssue  | CommunicationIssue (0.50)  | CommunicationIssue  | 1.37 | [SEP]           |
|                     |                            |                     |      | [CLS] fly with  |
|                     |                            |                     |      | caution .       |
| Normal              | Normal (0.29)              | Normal              | 1.21 | [SEP]           |
|                     |                            |                     |      | [CLS] adjust    |
|                     |                            |                     |      | antennas        |
| RegulationViolation | RegulationViolation (0.44) | RegulationViolation | 2.40 | [SEP]           |
|                     |                            |                     |      | [CLS] your      |
|                     |                            |                     |      | aircraft is     |
| Normal              | Normal (0.30)              | Normal              | 1.25 | flying in an    |
|                     |                            |                     |      | altitude zone   |
|                     |                            |                     |      | ( nnn ) . [SEP] |
| Normal              | Normal (0.30)              | Normal              | 1.25 | [CLS] please    |
|                     |                            |                     |      | fly with        |
|                     |                            |                     |      | caution [SEP]   |