

Legend: ■ Negative □ Neutral ■ Positive

| True Label             | Predicted Label       | Attribution Label | Attribution Score | Word Importance  |
|------------------------|-----------------------|-------------------|-------------------|--|
| SurroundingEnvironment | Normal (0.19)         | Normal            | 0.37              | [CLS] a passenger aircraft is nearby . [SEP]                         |
|                        |                       |                   |                   | [CLS] fly with caution [SEP]   |
|                        |                       |                   |                   | [CLS] account not logged in . [SEP]                                  |
|                        |                       |                   |                   | [CLS] flight altitude and distance restricted to nnn and nnn . [SEP] |
| ParamViolation         | ParamViolation (0.39) | ParamViolation    | 2.23              | [CLS] check and log in [SEP]   |
| Normal                 | Normal (0.19)         | Normal            | 1.53              | [CLS] activetrack flight paused [SEP]                                |
| Normal                 | Normal (0.19)         | Normal            | 1.06              | [CLS] aircraft activetrack available at max speed . [SEP]            |
| Normal                 | Normal (0.19)         | Normal            | 1.33              | [CLS] obstacle avoidance is not available [SEP]                      |
| Normal                 | Normal (0.19)         | Normal            | 0.30              | [CLS] aircraft activetrack available at max speed . [SEP]            |
| Normal                 | Normal (0.19)         | Normal            | 1.33              | [CLS] when exceeding nnn , obstacle avoidance is not available [SEP] |
| Normal                 | Normal (0.19)         | Normal            | 0.25              | [CLS] aircraft   |

|                     |                            |                     |      |                 |
|---------------------|----------------------------|---------------------|------|-----------------|
| Normal              | Normal (0.19)              | Normal              | 0.07 | activetrack     |
|                     |                            |                     |      | max speed of    |
|                     |                            |                     |      | nnn and         |
|                     |                            |                     |      | obstacle        |
|                     |                            |                     |      | avoidance       |
| HardwareFault       | HardwareFault (0.36)       | HardwareFault       | 2.45 | functions       |
|                     |                            |                     |      | normally        |
|                     |                            |                     |      | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | core board      |
| Normal              | Normal (0.19)              | Normal              | 1.05 | overheated      |
|                     |                            |                     |      | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | entered fixed   |
|                     |                            |                     |      | - wing mode .   |
| Normal              | Normal (0.19)              | Normal              | 0.72 | [SEP]           |
|                     |                            |                     |      | [CLS] current   |
|                     |                            |                     |      | flight speed is |
|                     |                            |                     |      | nnn . [SEP]     |
|                     |                            |                     |      | [CLS] press     |
| Normal              | Normal (0.19)              | Normal              | 1.23 | c2 to exit      |
|                     |                            |                     |      | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | flight control  |
|                     |                            |                     |      | unlocked        |
| RegulationViolation | RegulationViolation (0.30) | RegulationViolation | 1.31 | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | in restricted   |
|                     |                            |                     |      | zones . [SEP]   |
|                     |                            |                     |      | [CLS] check     |
| Normal              | Normal (0.19)              | Normal              | 1.53 | map to find     |
|                     |                            |                     |      | recommended     |
|                     |                            |                     |      | zones [SEP]     |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | is in attitude  |
| Normal              | Normal (0.19)              | Normal              | 0.53 | mode , so that  |
|                     |                            |                     |      | it will not     |
|                     |                            |                     |      | hover . [SEP]   |
|                     |                            |                     |      | [CLS] please    |
|                     |                            |                     |      | fly with        |
| Normal              | Normal (0.19)              | Normal              | 1.33 | caution .       |
|                     |                            |                     |      | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | is in tripod    |
|                     |                            |                     |      | mode . [SEP]    |
| Normal              | Normal (0.19)              | Normal              | 0.94 | [CLS] exit      |
|                     |                            |                     |      | this mode and   |
|                     |                            |                     |      | try again       |
|                     |                            |                     |      | 1.92            |
|                     |                            |                     |      | Normal          |

|                     |                            |                     |      |                 |
|---------------------|----------------------------|---------------------|------|-----------------|
| Normal              | Normal (0.19)              | Normal              | 1.53 | [SEP]           |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | is returning    |
| ParamViolation      | ParamViolation (0.40)      | ParamViolation      | 1.91 | to the          |
|                     |                            |                     |      | starting point  |
|                     |                            |                     |      | [SEP]           |
| RegulationViolation | RegulationViolation (0.28) | RegulationViolation | 1.98 | [CLS] aircraft  |
|                     |                            |                     |      | out of range    |
|                     |                            |                     |      | [SEP]           |
| Normal              | Normal (0.19)              | Normal              | 1.51 | [CLS]           |
|                     |                            |                     |      | approaching     |
|                     |                            |                     |      | a no - fly zone |
| Normal              | Normal (0.19)              | Normal              | 1.02 | . [SEP]         |
|                     |                            |                     |      | [CLS] rth may   |
|                     |                            |                     |      | be affected .   |
| Normal              | Normal (0.19)              | Normal              | 1.11 | [SEP]           |
|                     |                            |                     |      | [CLS] fly with  |
|                     |                            |                     |      | caution [SEP]   |
| Normal              | Normal (0.19)              | Normal              | 0.89 | [CLS] arrived   |
|                     |                            |                     |      | at start point  |
|                     |                            |                     |      | . [SEP]         |
| Normal              | Normal (0.19)              | Normal              | 1.30 | [CLS] starting  |
|                     |                            |                     |      | waypoint        |
|                     |                            |                     |      | mission [SEP]   |
| Normal              | Normal (0.19)              | Normal              | 1.28 | [CLS] auto      |
|                     |                            |                     |      | landing         |
|                     |                            |                     |      | initiated       |
| SoftwareFault       | SoftwareFault (0.46)       | SoftwareFault       | 1.63 | [SEP]           |
|                     |                            |                     |      | [CLS]           |
|                     |                            |                     |      | auxiliary       |
| HardwareFault       | HardwareFault (0.37)       | HardwareFault       | 1.82 | bottom light    |
|                     |                            |                     |      | turned off      |
|                     |                            |                     |      | [SEP]           |
| HardwareFault       | HardwareFault (0.35)       | HardwareFault       | 1.01 | [CLS]           |
|                     |                            |                     |      | backward        |
|                     |                            |                     |      | obstacle        |
| Normal              | Normal (0.19)              | Normal              | 1.53 | sensing is not  |
|                     |                            |                     |      | functioning .   |
|                     |                            |                     |      | [SEP]           |
| ParamViolation      | ParamViolation (0.40)      | ParamViolation      | 1.91 | [CLS] battery   |
|                     |                            |                     |      | cell broken ,   |
|                     |                            |                     |      | please          |
| RegulationViolation | RegulationViolation (0.28) | RegulationViolation | 1.98 | replace the     |
|                     |                            |                     |      | battery [SEP]   |
|                     |                            |                     |      | [CLS] battery   |
| Normal              | Normal (0.19)              | Normal              | 1.51 | error . [SEP]   |
|                     |                            |                     |      | [CLS] aircraft  |
|                     |                            |                     |      | returning to    |

|                        |                       |                |       |   |
|------------------------|-----------------------|----------------|-------|---|
| Normal                 | Normal (0.19)         | Normal         | 1.48  | home<br>automatically<br>[SEP]  |
| HardwareFault          | HardwareFault (0.36)  | HardwareFault  | 1.95  | [CLS] battery<br>power low .<br>[SEP]                                       |
| Normal                 | Normal (0.19)         | Normal         | 2.13  | [CLS] check<br>battery status<br>and charge or<br>warm up<br>battery [SEP]  |
| HardwareFault          | HardwareFault (0.33)  | HardwareFault  | 1.49  | [CLS] cache<br>space full<br>[SEP]  |
| SurroundingEnvironment | SoftwareFault (0.47)  | SoftwareFault  | -1.09 | [CLS]<br>calibration<br>subject is too<br>close . [SEP]                     |
| Normal                 | Normal (0.19)         | Normal         | 0.40  | [CLS]<br>recalibrate<br>using a<br>subject that is<br>farther away<br>[SEP] |
| HardwareFault          | HardwareFault (0.35)  | HardwareFault  | 1.86  | [CLS] camera<br>busy , cannot<br>enter<br>playback<br>[SEP]                 |
| SoftwareFault          | SoftwareFault (0.45)  | SoftwareFault  | 1.04  | [CLS] cannot<br>enable<br>intelligent<br>flight mode<br>[SEP]               |
| HardwareFault          | HardwareFault (0.35)  | HardwareFault  | 1.59  | [CLS] low<br>battery [SEP]  |
| SoftwareFault          | SoftwareFault (0.47)  | SoftwareFault  | 1.37  | [CLS] cannot<br>start return<br>to home due<br>to weak gps<br>signal [SEP]  |
| SoftwareFault          | SoftwareFault (0.46)  | SoftwareFault  | 1.17  | [CLS] cannot<br>start self -<br>timer . [SEP]                               |
| SoftwareFault          | ParamViolation (0.31) | ParamViolation | -0.19 | [CLS]<br>exposure time<br>is too long<br>[SEP]                              |

|                        |                      |               |       |   |
|------------------------|----------------------|---------------|-------|---|
| SoftwareFault          | SoftwareFault (0.45) | SoftwareFault | 1.05  | [CLS] cannot switch flight mode . [SEP]   |
| Normal                 | Normal (0.19)        | Normal        | 1.60  | [CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]        |
| SoftwareFault          | SoftwareFault (0.44) | SoftwareFault | 1.06  | [CLS] cannot track subject [SEP]  |
| SurroundingEnvironment | SoftwareFault (0.42) | SoftwareFault | -1.03 | [CLS] no image [SEP]  |
| Normal                 | Normal (0.19)        | Normal        | 1.19  | [CLS] please retry [SEP]  |
| SoftwareFault          | SoftwareFault (0.44) | SoftwareFault | 1.06  | [CLS] cannot track subject [SEP]  |
| SurroundingEnvironment | SoftwareFault (0.44) | SoftwareFault | -1.08 | [CLS] subject too large [SEP]   |
| Normal                 | Normal (0.19)        | Normal        | 1.61  | [CLS] move away and retry [SEP]   |
| Normal                 | Normal (0.19)        | Normal        | 1.74  | [CLS] color display in the liveview has been enhanced . [SEP]                         |
| Normal                 | Normal (0.19)        | Normal        | 1.59  | [CLS] videos and photos will still be shot in d - log mode [SEP]                      |
| HardwareFault          | HardwareFault (0.36) | HardwareFault | 1.65  | [CLS] compass abnormal . [SEP]  |
| Normal                 | Normal (0.19)        | Normal        | 0.06  | [CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft . |

|                        |                               |                        |      |   |
|------------------------|-------------------------------|------------------------|------|---|
|                        |                               |                        |      | [SEP]   |
| Normal                 | Normal (0.19)                 | Normal                 | 0.84 | [CLS] the ground or walls may contain metal . [SEP]                           |
| Normal                 | Normal (0.19)                 | Normal                 | 1.03 | [CLS] move away from sources of interference before attempting flight . [SEP] |
| Normal                 | Normal (0.19)                 | Normal                 | 1.01 | [CLS] 2 . calibrate compass before takeoff [SEP]                              |
| HardwareFault          | HardwareFault (0.35)          | HardwareFault          | 0.93 | [CLS] compass error [SEP]   |
| HardwareFault          | HardwareFault (0.25)          | HardwareFault          | 1.20 | [CLS] compass error , calibration required [SEP]                              |
| HardwareFault          | HardwareFault (0.35)          | HardwareFault          | 1.17 | [CLS] compass error . [SEP]   |
| HardwareFault          | HardwareFault (0.35)          | HardwareFault          | 1.17 | [CLS] compass error . [SEP]   |
| HardwareFault          | HardwareFault (0.35)          | HardwareFault          | 1.50 | [CLS] compass disconnected [SEP]  |
| HardwareFault          | HardwareFault (0.35)          | HardwareFault          | 1.17 | [CLS] compass error . [SEP]   |
| SurroundingEnvironment | SurroundingEnvironment (0.34) | SurroundingEnvironment | 1.43 | [CLS] magnetic filed interference . [SEP]                                     |
| Normal                 | Normal (0.19)                 | Normal                 | 1.40 | [CLS] exit p - gps mode [SEP]   |

|               |                      |               |      |                |
|---------------|----------------------|---------------|------|----------------|
| SoftwareFault | HardwareFault (0.36) | HardwareFault | 0.03 | [CLS]          |
|               |                      |               |      | compass        |
|               |                      |               |      | initialization |
| Normal        | Normal (0.19)        | Normal        | 0.70 | failed . [SEP] |
|               |                      |               |      | [CLS] restart  |
|               |                      |               |      | aircraft [SEP] |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 1.98 | [CLS] critical |
|               |                      |               |      | low battery .  |
|               |                      |               |      | [SEP]          |
| Normal        | Normal (0.19)        | Normal        | 1.69 | [CLS] aircraft |
|               |                      |               |      | in auto power  |
|               |                      |               |      | off protection |
| Normal        | Normal (0.19)        | Normal        | 1.53 | . [SEP]        |
|               |                      |               |      | [CLS] forced   |
|               |                      |               |      | landing in     |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 1.98 | progress       |
|               |                      |               |      | [SEP]          |
|               |                      |               |      | [CLS] critical |
| Normal        | Normal (0.19)        | Normal        | 0.85 | low battery .  |
|               |                      |               |      | [SEP]          |
|               |                      |               |      | [CLS] aircraft |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 1.98 | landing        |
|               |                      |               |      | automatically  |
|               |                      |               |      | [SEP]          |
| Normal        | Normal (0.19)        | Normal        | 1.89 | [CLS] critical |
|               |                      |               |      | low battery .  |
|               |                      |               |      | [SEP]          |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 2.04 | [CLS] return   |
|               |                      |               |      | to home or     |
|               |                      |               |      | land promptly  |
| Normal        | Normal (0.19)        | Normal        | 0.79 | [SEP]          |
|               |                      |               |      | [CLS]          |
|               |                      |               |      | critically low |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 2.04 | power . [SEP]  |
|               |                      |               |      | [CLS] aircraft |
|               |                      |               |      | is landing     |
| Normal        | Normal (0.19)        | Normal        | 0.61 | [SEP]          |
|               |                      |               |      | [CLS]          |
|               |                      |               |      | critically low |
| Normal        | Normal (0.19)        | Normal        | 0.61 | power . [SEP]  |
|               |                      |               |      | [CLS] aircraft |
|               |                      |               |      | landing .      |
| Normal        | Normal (0.19)        | Normal        | 0.61 | [SEP]          |
|               |                      |               |      | [CLS] aircraft |
|               |                      |               |      | landing .      |
|               |                      |               |      | [SEP]          |
|               |                      |               |      | [CLS] throttle |
|               |                      |               |      | up to reduce   |

|               |                      |               |      |  |
|---------------|----------------------|---------------|------|--|
| Normal        | Normal (0.19)        | Normal        | 0.74 | the speed of descent and use sticks to avoid obstacles [SEP] [CLS] |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 1.78 | critically low voltage warning . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 0.62 | aircraft will be forced to land [SEP] [CLS]                        |
| HardwareFault | HardwareFault (0.36) | HardwareFault | 2.03 | critically low voltage . [SEP] [CLS]                               |
| Normal        | Normal (0.19)        | Normal        | 0.67 | aircraft will land [SEP] [CLS]                                     |
| Normal        | Normal (0.19)        | Normal        | 1.66 | data recorder file index is 15 . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 1.66 | data recorder file index is 17 . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 1.64 | data recorder file index is 30 . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 1.48 | data recorder file index is 45 . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 1.43 | data recorder file index is 46 . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 1.65 | data recorder file index is 65 . [SEP] [CLS]                       |
| Normal        | Normal (0.19)        | Normal        | 1.71 | disable sd card read and write                                     |



|                        |                                  |                        |       |  |
|------------------------|----------------------------------|------------------------|-------|--|
|                        |                                  |                        |       | protection or<br>change card<br>[SEP]                    |
|                        |                                  |                        |       | [CLS]  |
| CommunicationIssue     | CommunicationIssue<br>(0.27)     | CommunicationIssue     | 1.75  | downlink lost<br>[SEP]                                   |
|                        |                                  |                        |       | [CLS]  |
| Normal                 | Normal (0.19)                    | Normal                 | 0.84  | downlink<br>restored (<br>after 0m 2 .<br>9s ) . [SEP]   |
|                        |                                  |                        |       | [CLS] drone  |
| Normal                 | HardwareFault (0.34)             | HardwareFault          | -1.59 | is vibrating<br>[SEP]                                    |
|                        |                                  |                        |       | [CLS] entered  |
| Normal                 | Normal (0.19)                    | Normal                 | 1.37  | cruise control<br>mode . [SEP]                           |
|                        |                                  |                        |       | [CLS] press  |
| Normal                 | Normal (0.19)                    | Normal                 | 1.24  | c1 or c2 to<br>exit [SEP]                                |
|                        |                                  |                        |       | [CLS]  |
| ParamViolation         | ParamViolation<br>(0.36)         | ParamViolation         | 1.87  | excessive<br>attitude angle<br>detected<br>[SEP]         |
|                        |                                  |                        |       | [CLS] forward  |
| SoftwareFault          | SoftwareFault (0.45)             | SoftwareFault          | 1.89  | obstacle<br>avoidance has<br>stopped<br>working<br>[SEP] |
|                        |                                  |                        |       | [CLS] exit   |
| Normal                 | Normal (0.19)                    | Normal                 | 1.22  | backward<br>sensing<br>system [SEP]                      |
|                        |                                  |                        |       | [CLS]  |
| SurroundingEnvironment | SurroundingEnvironment<br>(0.34) | SurroundingEnvironment | 1.51  | ambient light<br>is too weak<br>[SEP]                    |
|                        |                                  |                        |       | [CLS] exited   |
|                        |                                  |                        |       | visual   |
| Normal                 | Normal (0.19)                    | Normal                 | 1.26  | avoidance<br>system .<br>[SEP]                           |
|                        |                                  |                        |       | [CLS] exiting  |
| SoftwareFault          | SoftwareFault (0.46)             | SoftwareFault          | 1.16  | gps mode :<br>unknown<br>error [SEP]                     |

|                |                       |                |       |   |
|----------------|-----------------------|----------------|-------|---|
| ParamViolation | ParamViolation (0.40) | ParamViolation | 1.65  | [CLS] extra payload detected . [SEP]  |
| Normal         | Normal (0.19)         | Normal         | 1.49  | [CLS] flight performance will be affected . [SEP]                           |
| Normal         | Normal (0.19)         | Normal         | 1.02  | [CLS] fly with caution [SEP]  |
| SoftwareFault  | SoftwareFault (0.46)  | SoftwareFault  | 1.50  | [CLS] forward obstacle sensing is not functioning . [SEP]                   |
| SoftwareFault  | SoftwareFault (0.46)  | SoftwareFault  | 1.59  | [CLS] forward obstacle sensing not responding [SEP]                         |
| HardwareFault  | HardwareFault (0.36)  | HardwareFault  | 1.84  | [CLS] gimbal motor overloaded . [SEP]                                       |
| Normal         | Normal (0.19)         | Normal         | 1.55  | [CLS] check whether gimbal can rotate freely [SEP]                          |
| HardwareFault  | HardwareFault (0.36)  | HardwareFault  | 2.08  | [CLS] gimbal pitch limit reached . [SEP]                                    |
| Normal         | Normal (0.19)         | Normal         | 0.45  | [CLS] ground plain . [SEP]  |
| Normal         | Normal (0.19)         | Normal         | 0.78  | [CLS] safe to land . [SEP]  |
| ParamViolation | ParamViolation (0.36) | ParamViolation | 1.63  | [CLS] high altitude . [SEP]   |
| Normal         | HardwareFault (0.31)  | HardwareFault  | -2.04 | [CLS] aircraft braking distance increased and flight time decreased . [SEP] |

|                        |                               |                        |       |  |
|------------------------|-------------------------------|------------------------|-------|--|
| Normal                 | Normal (0.19)                 | Normal                 | 1.02  | [CLS] fly with caution [SEP]   |
| SurroundingEnvironment | SurroundingEnvironment (0.34) | SurroundingEnvironment | 1.71  | [CLS] high wind velocity . [SEP]   |
| Normal                 | Normal (0.19)                 | Normal                 | 0.61  | [CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP] |
| SurroundingEnvironment | SurroundingEnvironment (0.34) | SurroundingEnvironment | 1.71  | [CLS] high wind velocity . [SEP]   |
| Normal                 | Normal (0.19)                 | Normal                 | 0.61  | [CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP] |
| SurroundingEnvironment | SurroundingEnvironment (0.34) | SurroundingEnvironment | 1.71  | [CLS] high wind velocity . [SEP]   |
| Normal                 | Normal (0.19)                 | Normal                 | 1.61  | [CLS] fly with caution and land in a safe place asap . [SEP]                             |
| Normal                 | ParamViolation (0.35)         | ParamViolation         | -1.94 | [CLS] high - altitude flight [SEP]   |
| Normal                 | Normal (0.19)                 | Normal                 | 1.02  | [CLS] fly with caution [SEP]   |
| Normal                 | Normal (0.18)                 | Normal                 | -0.03 | [CLS] aircraft braking distance is extended [SEP]  |
| Normal                 | ParamViolation (0.32)         | ParamViolation         | -1.77 | [CLS] flight time is shortened . [SEP]   |
| Normal                 | Normal (0.19)                 | Normal                 | 1.00  | [CLS] home   |

|                |                       |                |       |  |
|----------------|-----------------------|----------------|-------|--|
|                |                       |                |       | point updated<br>[SEP]   |
|                |                       |                |       | [CLS] imu<br>attitude<br>restricted .<br>[SEP]                       |
| ParamViolation | ParamViolation (0.27) | ParamViolation | 1.33  | [CLS] ensure   |
| Normal         | Normal (0.19)         | Normal         | 1.27  | aircraft is<br>level [SEP]   |
| SoftwareFault  | Normal (0.19)         | Normal         | -0.76 | [CLS] imu not<br>calibrated .<br>[SEP]                               |
| Normal         | Normal (0.19)         | Normal         | 1.37  | [CLS]<br>calibrate imu<br>[SEP]                                      |
| Normal         | SoftwareFault (0.19)  | SoftwareFault  | -0.09 | [CLS] landing<br>canceled .<br>[SEP]                                 |
| Normal         | Normal (0.19)         | Normal         | 1.44  | [CLS] landing<br>gear function<br>restored<br>[SEP]                  |
| Normal         | Normal (0.19)         | Normal         | 0.76  | [CLS] landing<br>gear paused .<br>[SEP]                              |
| Normal         | Normal (0.19)         | Normal         | 1.22  | [CLS] landing<br>gear raising .<br>[SEP]                             |
| Normal         | Normal (0.19)         | Normal         | 1.16  | [CLS] home<br>point<br>recorded<br>[SEP]                             |
| Normal         | Normal (0.19)         | Normal         | 1.95  | [CLS] live<br>stream video<br>frame rate<br>less than 9hz<br>. [SEP] |
| Normal         | Normal (0.19)         | Normal         | 1.02  | [CLS] fly with<br>caution [SEP]                                      |
| HardwareFault  | HardwareFault (0.35)  | HardwareFault  | 1.74  | [CLS] low<br>power . [SEP]   |
| Normal         | Normal (0.19)         | Normal         | 1.35  | [CLS] aircraft<br>is returning<br>to the home<br>point . [SEP]       |
| HardwareFault  | HardwareFault (0.35)  | HardwareFault  | 1.74  | [CLS] low<br>power . [SEP]   |

|                        |                               |                        |      |  |
|------------------------|-------------------------------|------------------------|------|--|
| Normal                 | Normal (0.19)                 | Normal                 | 0.89 | [CLS] returning home . [SEP]   |
| SurroundingEnvironment | SurroundingEnvironment (0.34) | SurroundingEnvironment | 1.43 | [CLS] magnetic filed interference . [SEP]                            |
| Normal                 | Normal (0.19)                 | Normal                 | 1.29 | [CLS] exit p - gps mode . [SEP]                                      |
| HardwareFault          | HardwareFault (0.36)          | HardwareFault          | 2.19 | [CLS] yaw error . [SEP]  |
| SurroundingEnvironment | SurroundingEnvironment (0.30) | SurroundingEnvironment | 0.93 | [CLS] manned aircraft detected nearby . [SEP]                        |
| Normal                 | Normal (0.19)                 | Normal                 | 1.02 | [CLS] fly with caution [SEP]   |
| ParamViolation         | ParamViolation (0.35)         | ParamViolation         | 0.94 | [CLS] max altitude approached . [SEP]                                |
| Normal                 | Normal (0.19)                 | Normal                 | 0.46 | [CLS] wait for the gps satellite signal recovery before ascend [SEP] |
| ParamViolation         | ParamViolation (0.40)         | ParamViolation         | 2.03 | [CLS] max flight altitude reached . [SEP]                            |
| Normal                 | Normal (0.19)                 | Normal                 | 2.02 | [CLS] adjust in main controller settings if necessary [SEP]          |
| ParamViolation         | ParamViolation (0.40)         | ParamViolation         | 2.01 | [CLS] max flight distance reached . [SEP]                            |
|                        |                               |                        |      | [CLS] adjust   |

|                |                       |                |      |  |
|----------------|-----------------------|----------------|------|--|
| Normal         | Normal (0.19)         | Normal         | 1.91 | in main controller settings if necessary . [SEP] [CLS] maximum   |
| ParamViolation | ParamViolation (0.40) | ParamViolation | 2.11 | 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 (0.19)         | Normal         | 1.44 | 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 (0.36)  | HardwareFault  | 1.94 | is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for   |
| Normal         | Normal (0.19)         | Normal         | 1.64 |  |
| SoftwareFault  | SoftwareFault (0.19)  | SoftwareFault  | 0.09 |  |
| Normal         | Normal (0.19)         | Normal         | 0.26 |  |
| HardwareFault  | HardwareFault (0.35)  | HardwareFault  | 1.49 |  |
| Normal         | Normal (0.19)         | Normal         | 1.45 |  |

|               |                      |               |       |  |
|---------------|----------------------|---------------|-------|--|
| Normal        | HardwareFault (0.35) | HardwareFault | -1.91 | assistance<br>[SEP]  |
|               |                      |               |       | [CLS] motors<br>started .<br>[SEP]                             |
|               |                      |               |       | [CLS] no gps<br>signal . [SEP]                                 |
| SoftwareFault | SoftwareFault (0.45) | SoftwareFault | 1.62  | [CLS] aircraft<br>unable to<br>hover . [SEP]                   |
| Normal        | HardwareFault (0.36) | HardwareFault | -0.70 | [CLS] fly with<br>caution [SEP]                                |
| SoftwareFault | SoftwareFault (0.45) | SoftwareFault | 1.62  | [CLS] no gps<br>signal . [SEP]                                 |
| Normal        | HardwareFault (0.36) | HardwareFault | -0.96 | [CLS] unable<br>to hover .<br>[SEP]                            |
| Normal        | Normal (0.19)        | Normal        | 1.02  | [CLS] fly with<br>caution [SEP]                                |
| Normal        | Normal (0.19)        | Normal        | 0.61  | [CLS]<br>obstacle<br>avoidance<br>disabled .<br>[SEP]          |
| Normal        | Normal (0.19)        | Normal        | 0.87  | [CLS] landing<br>gear lowered<br>. [SEP]                       |
| Normal        | Normal (0.19)        | Normal        | 0.61  | [CLS]<br>obstacle<br>avoidance<br>disabled .<br>[SEP]          |
| Normal        | Normal (0.19)        | Normal        | 0.61  | [CLS]<br>obstacle<br>avoidance<br>disabled .<br>[SEP]          |
| Normal        | Normal (0.19)        | Normal        | 0.87  | [CLS] landing<br>gear lowered<br>. [SEP]                       |
| Normal        | Normal (0.19)        | Normal        | 1.05  | [CLS]<br>obstacle<br>avoidance has<br>been disabled<br>. [SEP] |
| Normal        | Normal (0.19)        | Normal        | 1.54  | [CLS]<br>precision   |

|                        |                               |                        |      |  |
|------------------------|-------------------------------|------------------------|------|--|
|                        |                               |                        |      | landing [SEP]  |
|                        |                               |                        |      | [CLS]  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.12 | quickshot has ended [SEP]                            |
|                        |                               |                        |      | [CLS]  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.54 | recenter gimbal pan [SEP]                            |
|                        |                               |                        |      | [CLS]  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.43 | rectifying aircraft position [SEP]                   |
|                        |                               |                        |      | [CLS] remote controller in                           |
| SurroundingEnvironment | SurroundingEnvironment (0.34) | SurroundingEnvironment | 1.88 | high interference environment . [SEP]                |
|                        |                               |                        |      | [CLS]  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.95 | manually adjust flight route or return to home [SEP] |
|                        |                               |                        |      | [CLS] return -                                       |
| Normal                 | Normal (0.19)                 | Normal                 | 1.10 | to - home altitude : 65ft [SEP]                      |
|                        |                               |                        |      | [CLS] return -                                       |
| Normal                 | Normal (0.19)                 | Normal                 | 0.80 | to - home altitude : 98ft . [SEP]                    |
|                        |                               |                        |      | [CLS] rth :  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.51 | ascending to rth altitude . [SEP]                    |
|                        |                               |                        |      | [CLS] rth :  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.52 | heading alignment . [SEP]                            |
|                        |                               |                        |      | [CLS] rth  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.24 | altitude : 65ft . [SEP]                              |
|                        |                               |                        |      | [CLS] rth  |
| Normal                 | Normal (0.19)                 | Normal                 | 1.09 | altitude : 98ft . [SEP]                              |
|                        |                               |                        |      | [CLS] signal   |
| CommunicationIssue     | CommunicationIssue (0.27)     | CommunicationIssue     | 0.97 |  |



|                        |                               |                        |      |   |
|------------------------|-------------------------------|------------------------|------|---|
|                        |                               |                        |      | lost . [SEP]                                  |
|                        |                               |                        |      | [CLS] aircraft                                |
| Normal                 | Normal (0.19)                 | Normal                 | 1.38 | returning to<br>home point<br>[SEP]           |
|                        |                               |                        |      | [CLS] sprayer                                 |
| Normal                 | Normal (0.19)                 | Normal                 | 1.49 | turned on<br>[SEP]                            |
|                        |                               |                        |      | [CLS] strong                                  |
| SurroundingEnvironment | SurroundingEnvironment (0.33) | SurroundingEnvironment | 1.45 | wind warning<br>. [SEP]                       |
|                        |                               |                        |      | [CLS] aircraft                                |
|                        |                               |                        |      | unable to                                     |
| SoftwareFault          | SoftwareFault (0.46)          | SoftwareFault          | 1.24 | return to<br>home<br>automatically<br>. [SEP] |
|                        |                               |                        |      | [CLS] lower                                   |
|                        |                               |                        |      | altitude                                      |
|                        |                               |                        |      | immediately                                   |
| Normal                 | Normal (0.19)                 | Normal                 | 1.77 | and return to<br>home<br>manually<br>[SEP]    |
|                        |                               |                        |      | [CLS]   |
| Normal                 | Normal (0.19)                 | Normal                 | 1.29 | switched to s<br>( sport ) -<br>mode . [SEP]  |
|                        |                               |                        |      | [CLS]   |
| Normal                 | Normal (0.19)                 | Normal                 | 0.75 | switched to t<br>( tripod ) -<br>mode . [SEP] |
|                        |                               |                        |      | [CLS] take off                                |
| Normal                 | Normal (0.19)                 | Normal                 | 1.68 | in p - mode<br>[SEP]                          |
|                        |                               |                        |      | [CLS] vision                                  |
| SoftwareFault          | HardwareFault (0.31)          | HardwareFault          | 0.15 | sensor error .<br>[SEP]                       |
|                        |                               |                        |      | [CLS] contact                                 |
| Normal                 | Normal (0.19)                 | Normal                 | 1.47 | dji support<br>for assistance<br>[SEP]        |
|                        |                               |                        |      | [CLS] vision                                  |
|                        |                               |                        |      | systems and                                   |
|                        |                               |                        |      | obstacle                                      |
| Normal                 | Normal (0.19)                 | Normal                 | 1.20 | avoidance<br>disabled<br>[SEP]                |

|                     |                            |                     |      |   |
|---------------------|----------------------------|---------------------|------|---|
| Normal              | Normal (0.19)              | Normal              | 0.69 | [CLS] waypoint mission paused [SEP]                                     |
|                     |                            |                     |      | [CLS] weak gps signal . [SEP]   |
|                     |                            |                     |      | [CLS] aircraft is in attitude mode and hovering may be unstable . [SEP] |
|                     |                            |                     |      | [CLS] fly with caution . [SEP]  |
| SoftwareFault       | SoftwareFault (0.45)       | SoftwareFault       | 1.59 | [CLS] weak signal . [SEP]   |
| Normal              | Normal (0.19)              | Normal              | 1.31 | [CLS] aircraft is in attitude mode and hovering may be unstable . [SEP] |
|                     |                            |                     |      | [CLS] fly with caution . [SEP]  |
|                     |                            |                     |      | [CLS] weak signal . [SEP]   |
|                     |                            |                     |      | [CLS] adjust antennas [SEP]   |
| CommunicationIssue  | CommunicationIssue (0.28)  | CommunicationIssue  | 1.30 | [CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]       |
| Normal              | Normal (0.19)              | Normal              | 1.04 | [CLS] please fly with caution [SEP]                                     |
|                     |                            |                     |      |   |
|                     |                            |                     |      |   |
|                     |                            |                     |      |   |
| RegulationViolation | RegulationViolation (0.28) | RegulationViolation | 2.50 |   |
| Normal              | Normal (0.19)              | Normal              | 1.37 |   |
|                     |                            |                     |      |   |
|                     |                            |                     |      |   |
|                     |                            |                     |      |   |