

Legend: ■ Negative □ Neutral ■ Positive

| True Label | Predicted Label | Attribution Label | Attribution Score | Word Importance |
|------------------------|-----------------------|-------------------|-------------------|---|
| SurroundingEnvironment | Normal (0.97) | Normal | -1.45 | #s a |
| | | | | passenger |
| | | | | aircraft is nearby . #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s fly with caution #/s |
| Normal | Normal (0.96) | Normal | 1.44 | #s account not logged in . #/s |
| ParamViolation | ParamViolation (0.61) | ParamViolation | -1.56 | #s flight altitude and distance restricted to nnn and nnn . #/s |
| | | | | #s check and log in #/s |
| | | | | #s activetrack flight paused #/s |
| Normal | Normal (0.97) | Normal | 0.99 | #s aircraft activetrack available at max speed . #/s |
| Normal | Normal (0.97) | Normal | 0.55 | #s obstacle avoidance is not available #/s |
| Normal | Normal (0.97) | Normal | 0.99 | #s aircraft activetrack available at max speed . #/s |
| Normal | ParamViolation (0.50) | ParamViolation | -1.34 | #s when exceeding nnn , obstacle avoidance is not available #/s |
| Normal | Normal (0.97) | Normal | 1.67 | #s aircraft activetrack max speed of nnn and |

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|---------------------|-----------------------|----------------|-------|---|
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.32 | obstacle avoidance functions normally #/s #s aircraft core board overheated #/s |
| | | | | #s aircraft entered fixed wing mode . #/s |
| | | | | #s current flight speed is nnn . #/s |
| | | | | #s press c2 to exit #/s |
| | | | | #s aircraft flight control unlocked #/s |
| RegulationViolation | Normal (0.30) | Normal | 0.86 | #s aircraft in restricted zones . #/s |
| Normal | Normal (0.97) | Normal | 0.90 | #s check map to find recommended zones #/s |
| Normal | Normal (0.97) | Normal | 1.75 | #s aircraft is in attitude mode , so that it will not hover . #/s |
| Normal | Normal (0.96) | Normal | 0.86 | #s please fly with caution . #/s |
| Normal | Normal (0.97) | Normal | 1.11 | #s aircraft is in tripod mode . #/s |
| Normal | Normal (0.97) | Normal | -0.91 | #s exit this mode and try again #/s |
| Normal | Normal (0.97) | Normal | -0.16 | #s aircraft is returning to the starting point #/s |
| ParamViolation | ParamViolation (0.60) | ParamViolation | 1.41 | #s aircraft out of range #/s |

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|---------------------|----------------------|---------------|------|---|
| RegulationViolation | Normal (0.29) | Normal | 0.54 | #s approaching a no-fly zone . #/s |
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| Normal | Normal (0.97) | Normal | 1.90 | #s rth may be affected . #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s fly with caution #/s |
| Normal | Normal (0.96) | Normal | 1.63 | #s arrived at start point . #/s |
| Normal | Normal (0.97) | Normal | 1.31 | #s starting waypoint mission #/s |
| Normal | Normal (0.97) | Normal | 1.37 | #s auto landing initiated #/s |
| Normal | Normal (0.97) | Normal | 1.71 | #s auxiliary bottom light turned off #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 1.79 | #s backward obstacle sensing is not functioning . #/s |
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| HardwareFault | HardwareFault (0.86) | HardwareFault | 0.43 | #s battery cell broken , please replace the battery #/s |
| | | | | |
| HardwareFault | HardwareFault (0.85) | HardwareFault | 1.35 | #s battery error . #/s |
| Normal | Normal (0.97) | Normal | 0.97 | #s aircraft returning to home automatically #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.36 | #s battery power low . #/s |
| | | | | |
| Normal | Normal (0.97) | Normal | 1.90 | #s check battery status and charge or warm up battery #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.45 | #s cache space full #/s |

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|------------------------|-----------------------|----------------|-------|---|
| SurroundingEnvironment | SoftwareFault (0.79) | SoftwareFault | 0.88 | #s calibration subject is too close . #/s |
| Normal | Normal (0.97) | Normal | -0.60 | #s recalibrate using a subject that is farther away #/s |
| HardwareFault | HardwareFault (0.82) | HardwareFault | 1.37 | #s camera busy , cannot enter playback #/s |
| SoftwareFault | SoftwareFault (0.80) | SoftwareFault | 1.50 | #s cannot enable intelligent flight mode #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.39 | #s low battery #/s |
| SoftwareFault | SoftwareFault (0.80) | SoftwareFault | 0.26 | #s cannot start return to home due to weak gps signal #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 1.07 | #s cannot start self - timer . #/s |
| SoftwareFault | ParamViolation (0.59) | ParamViolation | -0.51 | #s exposure time is too long #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 1.23 | #s cannot switch flight mode . #/s |
| Normal | Normal (0.97) | Normal | 1.05 | #s turn on " multiple flight modes " to enable atti and sport modes . #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 1.11 | #s cannot track subject #/s |
| SurroundingEnvironment | SoftwareFault (0.79) | SoftwareFault | -1.29 | #s no image #/s |
| Normal | Normal (0.97) | Normal | 1.23 | #s please retry #/s |
| | | | | #s cannot |

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|------------------------|----------------------|---------------|------|--|
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 1.11 | track subject #/s |
| SurroundingEnvironment | SoftwareFault (0.79) | SoftwareFault | 1.60 | #s subject too large #/s |
| Normal | Normal (0.97) | Normal | 0.99 | #s move away and retry #/s |
| Normal | Normal (0.97) | Normal | 1.26 | #s color display in the liveview has been enhanced . #/s |
| Normal | Normal (0.97) | Normal | 0.94 | #s videos and photos will still be shot in d - log mode #/s |
| HardwareFault | HardwareFault (0.85) | HardwareFault | 1.50 | #s compass abnormal . #/s |
| Normal | Normal (0.97) | Normal | 3.32 | #s solution : 1 . ensure there are no magnets or metal objects near the aircraft . #/s |
| Normal | Normal (0.97) | Normal | 1.78 | #s the ground or walls may contain metal . #/s |
| Normal | Normal (0.97) | Normal | 1.90 | #s move away from sources of interference before attempting flight . #/s |
| Normal | Normal (0.97) | Normal | 1.73 | #s 2 . calibrate compass before takeoff #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 0.95 | #s compass error #/s #s compass |

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|------------------------|-------------------------------|------------------------|------|--|
| HardwareFault | HardwareFault (0.47) | HardwareFault | 1.74 | error , calibration required #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.41 | #s compass error . #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.41 | #s compass error . #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.29 | #s compass disconnected #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.41 | #s compass error . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.66) | SurroundingEnvironment | 0.90 | #s magnetic filed interference . #/s |
| Normal | Normal (0.97) | Normal | 1.61 | #s exit p - gps mode #/s |
| SoftwareFault | HardwareFault (0.86) | HardwareFault | 0.62 | #s compass initialization failed . #/s |
| Normal | Normal (0.96) | Normal | 1.45 | #s restart aircraft #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.08 | #s critical low battery . #/s |
| Normal | Normal (0.97) | Normal | 1.81 | #s aircraft in auto power off protection . #/s |
| Normal | Normal (0.97) | Normal | 1.55 | #s forced landing in progress #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.08 | #s critical low battery . #/s |
| Normal | Normal (0.97) | Normal | 1.20 | #s aircraft landing automatically #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.08 | #s critical low battery . #/s |
| Normal | Normal (0.97) | Normal | 0.80 | #s return to home or land promptly #/s |
| | | | | #s critically |

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|---------------|----------------------|---------------|------|---|
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.73 | low power . #/s |
| Normal | Normal (0.97) | Normal | 1.53 | #s aircraft is landing #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.73 | #s critically low power . #/s |
| Normal | Normal (0.96) | Normal | 1.09 | #s aircraft landing . #/s |
| Normal | Normal (0.96) | Normal | 1.09 | #s aircraft landing . #/s |
| Normal | Normal (0.97) | Normal | 0.28 | #s throttle up to reduce the speed of descent and use sticks to avoid obstacles #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.58 | #s critically low voltage warning . #/s |
| Normal | Normal (0.97) | Normal | 2.15 | #s aircraft will be forced to land #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.77 | #s critically low voltage . #/s |
| Normal | Normal (0.97) | Normal | 1.59 | #s aircraft will land #/s |
| Normal | Normal (0.97) | Normal | 2.02 | #s data recorder file index is 15 . #/s |
| Normal | Normal (0.97) | Normal | 2.28 | #s data recorder file index is 17 . #/s |
| Normal | Normal (0.97) | Normal | 1.02 | #s data recorder file index is 30 . #/s |
| Normal | Normal (0.97) | Normal | 1.23 | #s data recorder file index is 45 . #/s |
| Normal | Normal (0.97) | Normal | 1.39 | #s data recorder file index is 46 . |

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| | | | | #/s |
| Normal | Normal (0.97) | Normal | 1.22 | #s data recorder file index is 65 . #/s |
| Normal | Normal (0.97) | Normal | 0.88 | #s disable sd card read and write protection or change card #/s |
| CommunicationIssue | CommunicationIssue (0.23) | CommunicationIssue | 1.74 | #s downlink lost . #/s |
| Normal | Normal (0.97) | Normal | 1.45 | #s downlink restored (after 0m 2 . 9s) . #/s |
| Normal | Normal (0.97) | Normal | 1.61 | #s drone is vibrating #/s |
| Normal | Normal (0.96) | Normal | 1.78 | #s entered cruise control mode . #/s |
| Normal | Normal (0.97) | Normal | 1.03 | #s press c1 or c2 to exit #/s |
| ParamViolation | ParamViolation (0.60) | ParamViolation | 1.28 | #s excessive attitude angle detected #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 2.08 | #s forward obstacle avoidance has stopped working #/s |
| Normal | Normal (0.97) | Normal | 1.83 | #s exit backward sensing system #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.68) | SurroundingEnvironment | 0.96 | #s ambient light is too weak #/s |
| Normal | Normal (0.96) | Normal | 1.86 | #s exited visual avoidance system . #/s |
| SoftwareFault | SoftwareFault (0.80) | SoftwareFault | 1.23 | #s exiting gps mode : unknown |

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|----------------|-------------------------------|------------------------|-------|--|
| | | | | error #/s |
| ParamViolation | ParamViolation (0.59) | ParamViolation | 1.69 | #s extra payload detected . #/s |
| Normal | Normal (0.97) | Normal | 1.24 | #s flight performance will be affected . #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s fly with caution #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | -0.75 | #s forward obstacle sensing is not functioning . #/s |
| SoftwareFault | SoftwareFault (0.80) | SoftwareFault | 1.83 | #s forward obstacle sensing not responding #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 2.19 | #s gimbal motor overloaded . #/s |
| Normal | Normal (0.97) | Normal | 1.08 | #s check whether gimbal can rotate freely #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | -0.94 | #s gimbal pitch limit reached . #/s |
| Normal | Normal (0.96) | Normal | 1.32 | #s ground plain . #/s |
| Normal | Normal (0.96) | Normal | 1.75 | #s safe to land . #/s |
| ParamViolation | SurroundingEnvironment (0.64) | SurroundingEnvironment | 1.09 | #s high altitude . #/s |
| Normal | Normal (0.97) | Normal | -0.44 | #s aircraft braking distance increased and flight time decreased . #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s fly with caution #/s |
| | SurroundingEnvironment | | | #s high wind |

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|------------------------|-------------------------------|------------------------|-------|---|
| SurroundingEnvironment | (0.66) | SurroundingEnvironment | 1.37 | velocity . #/s |
| Normal | Normal (0.97) | Normal | 0.86 | #s ensure the aircraft remains within your line of sight and fly with caution . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.66) | SurroundingEnvironment | 1.37 | #s high wind velocity . #/s |
| Normal | Normal (0.97) | Normal | 0.86 | #s ensure the aircraft remains within your line of sight and fly with caution . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.66) | SurroundingEnvironment | 1.37 | #s high wind velocity . #/s |
| Normal | Normal (0.97) | Normal | 1.81 | #s fly with caution and land in a safe place asap . #/s |
| Normal | Normal (0.97) | Normal | 1.06 | #s high - altitude flight #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s fly with caution #/s |
| Normal | Normal (0.97) | Normal | 1.63 | #s aircraft braking distance is extended #/s |
| Normal | Normal (0.96) | Normal | 1.74 | #s flight time is shortened . #/s |
| Normal | Normal (0.96) | Normal | 1.28 | #s home point updated . #/s |
| ParamViolation | SoftwareFault (0.78) | SoftwareFault | 0.41 | #s imu attitude restricted . #/s |
| Normal | Normal (0.97) | Normal | 1.57 | #s ensure aircraft is level #/s |
| SoftwareFault | Normal (0.97) | Normal | -1.14 | #s imu not |

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|------------------------|----------------------------------|------------------------|-------|---|
| | | | | calibrated . #/s |
| Normal | Normal (0.97) | Normal | 1.01 | #s calibrate imu #/s |
| Normal | Normal (0.96) | Normal | 1.35 | #s landing canceled . #/s |
| Normal | Normal (0.97) | Normal | 1.31 | #s landing gear function restored #/s |
| Normal | Normal (0.96) | Normal | 1.85 | #s landing gear paused . #/s |
| Normal | Normal (0.96) | Normal | 1.06 | #s landing gear raising . #/s |
| Normal | Normal (0.97) | Normal | 1.51 | #s home point recorded #/s |
| Normal | ParamViolation (0.52) | ParamViolation | -1.03 | #s live stream video frame rate less than 9hz . #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s fly with caution #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.51 | #s low power . #/s |
| Normal | Normal (0.97) | Normal | 1.80 | #s aircraft is returning to the home point . #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.51 | #s low power . #/s |
| Normal | Normal (0.96) | Normal | 1.36 | #s returning home . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.66) | SurroundingEnvironment | 0.90 | #s magnetic field interference . #/s |
| Normal | Normal (0.97) | Normal | 1.49 | #s exit p - gps mode . #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | -0.14 | #s yaw error . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.67) | SurroundingEnvironment | 1.00 | #s manned aircraft detected |

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|----------------|-----------------------|----------------|-------|---|
| Normal | Normal (0.97) | Normal | 1.54 | nearby . #/s |
| | | | | #s fly with caution #/s |
| ParamViolation | ParamViolation (0.58) | ParamViolation | 1.08 | #s max altitude approached . #/s |
| | | | | #s wait for the gps satellite |
| Normal | Normal (0.97) | Normal | -0.49 | signal recovery before ascend #/s |
| | | | | #s max flight altitude reached . #/s |
| ParamViolation | ParamViolation (0.59) | ParamViolation | 1.32 | #s adjust in main |
| | | | | controller settings if necessary #/s |
| Normal | Normal (0.97) | Normal | -1.35 | #s max flight distance reached . #/s |
| | | | | #s adjust in main |
| ParamViolation | ParamViolation (0.59) | ParamViolation | -1.43 | controller settings if necessary . #/s |
| | | | | #s maximum flight distance reached . #/s |
| Normal | Normal (0.97) | Normal | 0.02 | #s adjust the distance in mc settings if required . #/s |
| | | | | #s mobile device cpu fully loaded . #/s |
| HardwareFault | HardwareFault (0.86) | HardwareFault | 1.98 | #s related performance will be affected . #/s |
| | | | | #s mobile |

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|---------------|----------------------|---------------|-------|----------------|
| SoftwareFault | Normal (0.96) | Normal | -1.89 | device |
| | | | | version too |
| | | | | old to support |
| | | | | hd image |
| | | | | transmission |
| Normal | Normal (0.96) | Normal | 1.36 | and the |
| | | | | image |
| | | | | transmission |
| | | | | mode has |
| | | | | been switch |
| HardwareFault | HardwareFault (0.85) | HardwareFault | -1.30 | to normal |
| | | | | mode . #/s |
| | | | | #s motor is |
| | | | | blocked . #/s |
| | | | | #s motor |
| Normal | Normal (0.97) | Normal | 0.85 | stuck . #/s |
| | | | | #s check for |
| | | | | objects |
| | | | | blocking |
| | | | | motor or |
| Normal | Normal (0.96) | Normal | 0.81 | contact dji |
| | | | | support for |
| | | | | assistance |
| | | | | #/s |
| | | | | #s motors |
| SoftwareFault | SoftwareFault (0.78) | SoftwareFault | 1.81 | started . #/s |
| | | | | #s no gps |
| | | | | signal . #/s |
| | | | | #s aircraft |
| | | | | unable to |
| Normal | HardwareFault (0.86) | HardwareFault | -1.63 | hover . #/s |
| | | | | #s fly with |
| | | | | caution #/s |
| | | | | #s no gps |
| | | | | signal . #/s |
| Normal | Normal (0.97) | Normal | 1.54 | #s unable to |
| | | | | hover . #/s |
| | | | | #s fly with |
| | | | | caution #/s |
| | | | | #s obstacle |
| Normal | Normal (0.96) | Normal | 1.40 | avoidance |
| | | | | disabled . #/s |
| | | | | #s landing |
| | | | | gear lowered |
| | | | | . #/s |
| Normal | Normal (0.96) | Normal | 1.40 | #s obstacle |
| | | | | avoidance |
| | | | | disabled . #/s |

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|------------------------|-------------------------------|------------------------|-------|---|
| Normal | Normal (0.96) | Normal | 1.40 | #s obstacle avoidance disabled . #/s |
| Normal | Normal (0.96) | Normal | 1.09 | #s landing gear lowered . #/s |
| Normal | Normal (0.97) | Normal | 1.82 | #s obstacle avoidance has been disabled . #/s |
| Normal | Normal (0.96) | Normal | 0.98 | #s precision landing #/s |
| Normal | Normal (0.97) | Normal | 1.93 | #s quickshot has ended #/s |
| Normal | Normal (0.97) | Normal | 1.19 | #s recenter gimbal pan #/s |
| Normal | Normal (0.97) | Normal | 1.77 | #s rectifying aircraft position #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.67) | SurroundingEnvironment | 1.23 | #s remote controller in high interference environment . #/s |
| Normal | Normal (0.97) | Normal | 1.57 | #s manually adjust flight route or return to home #/s |
| Normal | Normal (0.97) | Normal | 2.17 | #s return - to home altitude : 65ft #/s |
| Normal | Normal (0.97) | Normal | 1.90 | #s return - to home altitude : 98ft . #/s |
| Normal | Normal (0.97) | Normal | -1.97 | #s rth : ascending to rth altitude . #/s |
| Normal | Normal (0.97) | Normal | -1.14 | #s rth : heading alignment . #/s |

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|------------------------|-------------------------------|------------------------|-------|---|
| Normal | Normal (0.97) | Normal | 1.50 | #s rth altitude : 65ft . #/s |
| Normal | Normal (0.97) | Normal | 1.16 | #s rth altitude : 98ft . #/s |
| CommunicationIssue | CommunicationIssue (0.22) | CommunicationIssue | 1.31 | #s signal lost . #/s |
| Normal | Normal (0.97) | Normal | 1.90 | #s aircraft returning to home point #/s |
| Normal | Normal (0.97) | Normal | 1.42 | #s sprayer turned on #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.66) | SurroundingEnvironment | 1.69 | #s strong wind warning . #/s |
| SoftwareFault | SoftwareFault (0.79) | SoftwareFault | 2.04 | #s aircraft unable to return to home automatically . #/s |
| Normal | Normal (0.97) | Normal | 1.83 | #s lower altitude immediately and return to home manually #/s |
| Normal | Normal (0.97) | Normal | 1.48 | #s switched to s (sport) - mode . #/s |
| Normal | Normal (0.97) | Normal | 2.49 | #s switched to t (tripod) - mode . #/s |
| Normal | Normal (0.97) | Normal | 1.56 | #s take off in p - mode #/s |
| SoftwareFault | HardwareFault (0.86) | HardwareFault | 0.48 | #s vision sensor error . #/s |
| Normal | Normal (0.97) | Normal | 1.11 | #s contact dji support for assistance #/s |
| Normal | Normal (0.97) | Normal | -1.41 | #s vision systems and obstacle avoidance |

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|---------------------|---------------------------|--------------------|------|----------------|
| Normal | Normal (0.97) | Normal | 0.37 | disabled #/s |
| | | | | #s waypoint |
| | | | | mission |
| SoftwareFault | SoftwareFault (0.78) | SoftwareFault | 1.47 | paused #/s |
| | | | | #s weak gps |
| | | | | signal . #/s |
| Normal | Normal (0.97) | Normal | 1.12 | #s aircraft is |
| | | | | in attitude |
| | | | | mode and |
| CommunicationIssue | CommunicationIssue (0.23) | CommunicationIssue | 1.30 | hovering may |
| | | | | be unstable . |
| | | | | #/s |
| Normal | Normal (0.96) | Normal | 1.16 | #s fly with |
| | | | | caution . #/s |
| | | | | #s weak |
| CommunicationIssue | CommunicationIssue (0.23) | CommunicationIssue | 1.30 | signal . #/s |
| | | | | #s adjust |
| | | | | antennas #/s |
| RegulationViolation | Normal (0.31) | Normal | 2.63 | #s your |
| | | | | aircraft is |
| | | | | flying in an |
| Normal | Normal (0.97) | Normal | 1.42 | altitude zone |
| | | | | (nnn) . #/s |
| | | | | #s please fly |
| Normal | Normal (0.97) | Normal | 1.42 | with caution |
| | | | | #/s |
| | | | | |