

Legend: ■ Negative □ Neutral ■ Positive

| True Label | Predicted Label | Attribution Label | Attribution Score | Word Importance |
|------------------------|-----------------------|-------------------|-------------------|--|
| SurroundingEnvironment | Normal (0.24) | Normal | -1.21 | #s a passenger aircraft is nearby . #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s fly with caution #/s |
| Normal | Normal (0.24) | Normal | 1.20 | #s account not logged in . #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | -0.08 | #s flight altitude and distance restricted to nnn and nnn . #/s |
| Normal | Normal (0.24) | Normal | 1.72 | #s check and log in #/s |
| Normal | Normal (0.25) | Normal | 2.11 | #s activetrack flight paused #/s |
| Normal | Normal (0.25) | Normal | 1.07 | #s aircraft activetrack available at max speed . #/s |
| Normal | Normal (0.25) | Normal | 0.57 | #s obstacle avoidance is not available #/s |
| Normal | Normal (0.25) | Normal | 1.07 | #s aircraft activetrack available at max speed . #/s |
| Normal | ParamViolation (0.16) | ParamViolation | -1.35 | #s when exceeding nnn , obstacle avoidance is not available #/s |
| Normal | Normal (0.25) | Normal | 1.47 | #s aircraft activetrack max speed of nnn and |

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|----------------------------|-----------------------------------|----------------------------|-------------|---|
| | | | | obstacle avoidance functions normally #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.26 | #s aircraft core board overheated #/s |
| Normal | Normal (0.24) | Normal | 2.50 | #s aircraft entered fixed - wing mode . #/s |
| Normal | Normal (0.24) | Normal | 1.49 | #s current flight speed is nnn . #/s |
| Normal | Normal (0.24) | Normal | 1.63 | #s press c2 to exit #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s aircraft flight control unlocked #/s |
| RegulationViolation | RegulationViolation (0.18) | RegulationViolation | 1.00 | #s aircraft in restricted zones . #/s |
| Normal | Normal (0.25) | Normal | 0.89 | #s check map to find recommended zones #/s |
| Normal | Normal (0.25) | Normal | 1.75 | #s aircraft is in attitude mode , so that it will not hover . #/s |
| Normal | Normal (0.24) | Normal | 0.95 | #s please fly with caution . #/s |
| Normal | Normal (0.24) | Normal | 1.11 | #s aircraft is in tripod mode . #/s |
| Normal | Normal (0.25) | Normal | 0.52 | #s exit this mode and try again #/s |
| Normal | Normal (0.25) | Normal | 0.23 | #s aircraft is returning to the starting point #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.38 | #s aircraft out of range #/s |

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| RegulationViolation | RegulationViolation (0.18) | RegulationViolation | 1.67 | #s approaching a no-fly zone . #/s |
| Normal | Normal (0.24) | Normal | 1.78 | #s rth may be affected . #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s fly with caution #/s |
| Normal | Normal (0.24) | Normal | 1.59 | #s arrived at start point . #/s |
| Normal | Normal (0.24) | Normal | 0.85 | #s starting waypoint mission #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s auto landing initiated #/s |
| Normal | Normal (0.25) | Normal | 1.46 | #s auxiliary bottom light turned off #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 1.79 | #s backward obstacle sensing is not functioning . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | -0.15 | #s battery cell broken , please replace the battery #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.47 | #s battery error . #/s |
| Normal | Normal (0.25) | Normal | 1.12 | #s aircraft returning to home automatically #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.34 | #s battery power low . #/s |
| Normal | Normal (0.25) | Normal | 1.95 | #s check battery status and charge or warm up battery #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.41 | #s cache space full #/s |

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| SurroundingEnvironment | SoftwareFault (0.22) | SoftwareFault | 1.31 | #s calibration subject is too close . #/s |
| Normal | Normal (0.25) | Normal | -0.86 | #s recalibrate using a subject that is farther away #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.43 | #s camera busy , cannot enter playback #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 1.48 | #s cannot enable intelligent flight mode #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.34 | #s low battery #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 0.37 | #s cannot start return to home due to weak gps signal #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 0.97 | #s cannot start self - timer . #/s |
| SoftwareFault | ParamViolation (0.17) | ParamViolation | -0.61 | #s exposure time is too long #/s |
| SoftwareFault | SoftwareFault (0.21) | SoftwareFault | 0.97 | #s cannot switch flight mode . #/s |
| Normal | Normal (0.25) | Normal | 0.97 | #s turn on " multiple flight modes " to enable atti and sport modes . #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 1.12 | #s cannot track subject #/s |
| SurroundingEnvironment | SoftwareFault (0.22) | SoftwareFault | -0.02 | #s no image #/s |
| Normal | Normal (0.24) | Normal | 1.19 | #s please retry #/s |
| | | | | #s cannot |

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|-------------------------------|-----------------------------|----------------------|-------------|--|
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 1.12 | track subject #/s |
| SurroundingEnvironment | SoftwareFault (0.22) | SoftwareFault | 1.61 | #s subject too large #/s |
| Normal | Normal (0.25) | Normal | 1.18 | #s move away and retry #/s |
| Normal | Normal (0.25) | Normal | 1.07 | #s color display in the liveview has been enhanced . #/s |
| Normal | Normal (0.25) | Normal | 1.21 | #s videos and photos will still be shot in d - log mode #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.51 | #s compass abnormal . #/s |
| Normal | Normal (0.25) | Normal | 3.24 | #s solution : 1 . ensure there are no magnets or metal objects near the aircraft . #/s |
| Normal | Normal (0.25) | Normal | 1.75 | #s the ground or walls may contain metal . #/s |
| Normal | Normal (0.25) | Normal | 1.88 | #s move away from sources of interference before attempting flight . #/s |
| Normal | Normal (0.25) | Normal | 1.78 | #s 2 . calibrate compass before takeoff #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.07 | #s compass error #/s |
| | | | | #s compass |

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| HardwareFault | HardwareFault (0.17) | HardwareFault | 1.78 | error , calibration required #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.44 | #s compass error . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.44 | #s compass error . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.31 | #s compass disconnected #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.44 | #s compass error . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.20) | SurroundingEnvironment | 0.90 | #s magnetic filed interference . #/s |
| Normal | Normal (0.25) | Normal | 1.61 | #s exit p - gps mode #/s |
| SoftwareFault | HardwareFault (0.21) | HardwareFault | 0.53 | #s compass initialization failed . #/s |
| Normal | Normal (0.24) | Normal | 1.46 | #s restart aircraft #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 0.56 | #s critical low battery . #/s |
| Normal | Normal (0.24) | Normal | 0.85 | #s aircraft in auto power off protection . #/s |
| Normal | Normal (0.24) | Normal | 1.58 | #s forced landing in progress #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 0.56 | #s critical low battery . #/s |
| Normal | Normal (0.24) | Normal | 1.25 | #s aircraft landing automatically #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 0.56 | #s critical low battery . #/s |
| Normal | Normal (0.25) | Normal | 1.12 | #s return to home or land promptly #/s |
| | | | | #s critically |

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|----------------------|-----------------------------|----------------------|-------------|---|
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.72 | low power . #/s |
| Normal | Normal (0.24) | Normal | 1.51 | #s aircraft is landing #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.72 | #s critically low power . #/s |
| Normal | Normal (0.24) | Normal | 1.09 | #s aircraft landing . #/s |
| Normal | Normal (0.24) | Normal | 1.09 | #s aircraft landing . #/s |
| | | | | #s throttle up to reduce the speed of |
| Normal | Normal (0.25) | Normal | 1.12 | descent and use sticks to avoid obstacles #/s |
| | | | | #s critically |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.56 | low voltage warning . #/s |
| | | | | #s aircraft |
| Normal | Normal (0.25) | Normal | 1.85 | will be forced to land #/s |
| | | | | #s critically |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.75 | low voltage . #/s |
| | | | | #s aircraft |
| Normal | Normal (0.24) | Normal | 1.52 | will land #/s |
| | | | | #s data |
| Normal | Normal (0.24) | Normal | 1.31 | recorder file index is 15 . #/s |
| | | | | #s data |
| Normal | Normal (0.24) | Normal | 2.22 | recorder file index is 17 . #/s |
| | | | | #s data |
| Normal | Normal (0.24) | Normal | 0.80 | recorder file index is 30 . #/s |
| | | | | #s data |
| Normal | Normal (0.24) | Normal | 1.28 | recorder file index is 45 . #/s |
| | | | | #s data |
| Normal | Normal (0.24) | Normal | 1.38 | recorder file index is 46 . |

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| | | | | #/s |
| Normal | Normal (0.24) | Normal | 0.93 | #s data recorder file index is 65 . #/s |
| Normal | Normal (0.25) | Normal | 0.86 | #s disable sd card read and write protection or change card #/s |
| CommunicationIssue | CommunicationIssue (0.16) | CommunicationIssue | 1.76 | #s downlink lost . #/s |
| Normal | Normal (0.25) | Normal | 1.39 | #s downlink restored (after 0m 2 . 9s) . #/s |
| Normal | Normal (0.24) | Normal | 1.66 | #s drone is vibrating #/s |
| Normal | Normal (0.24) | Normal | 1.71 | #s entered cruise control mode . #/s |
| Normal | Normal (0.25) | Normal | 1.00 | #s press c1 or c2 to exit #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.88 | #s excessive attitude angle detected #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 2.07 | #s forward obstacle avoidance has stopped working #/s |
| Normal | Normal (0.24) | Normal | 1.71 | #s exit backward sensing system #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.21) | SurroundingEnvironment | 1.03 | #s ambient light is too weak #/s |
| Normal | Normal (0.24) | Normal | 1.70 | #s exited visual avoidance system . #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 1.23 | #s exiting gps mode : unknown |

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| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.69 | error #/s |
| Normal | Normal (0.24) | Normal | 1.23 | #s extra payload detected . #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s flight performance will be affected . #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | -0.77 | #s fly with caution #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 1.73 | #s forward obstacle sensing is not functioning . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 2.26 | #s forward obstacle sensing not responding #/s |
| Normal | Normal (0.25) | Normal | 0.90 | #s gimbal motor overloaded . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | -1.08 | #s check whether gimbal can rotate freely #/s |
| Normal | Normal (0.24) | Normal | 1.32 | #s gimbal pitch limit reached . #/s |
| Normal | Normal (0.24) | Normal | 1.25 | #s ground plain . #/s |
| ParamViolation | SurroundingEnvironment (0.20) | SurroundingEnvironment | 0.91 | #s safe to land . #/s |
| Normal | Normal (0.25) | Normal | -1.09 | #s high altitude . #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s aircraft braking distance increased and flight time decreased . #/s |
| | | SurroundingEnvironment | | #s fly with caution #/s |
| | | | | #s high wind |

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|-------------------------------|--------------------------------------|-------------------------------|--------------|---|
| SurroundingEnvironment | (0.20) | SurroundingEnvironment | 1.46 | velocity . #/s |
| Normal | Normal (0.25) | Normal | 0.83 | #s ensure the aircraft remains within your line of sight and fly with caution . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.20) | SurroundingEnvironment | 1.46 | #s high wind velocity . #/s |
| Normal | Normal (0.25) | Normal | 0.83 | #s ensure the aircraft remains within your line of sight and fly with caution . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.20) | SurroundingEnvironment | 1.46 | #s high wind velocity . #/s |
| Normal | Normal (0.25) | Normal | 1.79 | #s fly with caution and land in a safe place asap . #/s |
| Normal | Normal (0.24) | Normal | 1.29 | #s high altitude flight #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s fly with caution #/s |
| Normal | Normal (0.25) | Normal | 1.68 | #s aircraft braking distance is extended #/s |
| Normal | Normal (0.24) | Normal | 1.74 | #s flight time is shortened . #/s |
| Normal | Normal (0.24) | Normal | 1.28 | #s home point updated . #/s |
| ParamViolation | SoftwareFault (0.21) | SoftwareFault | 0.04 | #s imu attitude restricted . #/s |
| Normal | Normal (0.24) | Normal | 1.60 | #s ensure aircraft is level #/s |
| SoftwareFault | Normal (0.24) | Normal | -0.49 | #s imu not |

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|------------------------|--|-------------------------------|--------------|---|
| Normal | Normal (0.25) | Normal | 0.99 | calibrated . #/s |
| Normal | Normal (0.24) | Normal | 1.35 | #s calibrate imu #/s |
| Normal | Normal (0.24) | Normal | 1.31 | #s landing canceled . #/s |
| Normal | Normal (0.24) | Normal | 1.84 | #s landing gear function restored #/s |
| Normal | Normal (0.24) | Normal | 0.53 | #s landing gear pausing . #/s |
| Normal | Normal (0.24) | Normal | 1.49 | #s landing gear raising . #/s |
| Normal | Normal (0.24) | Normal | 1.49 | #s home point recorded #/s |
| Normal | ParamViolation (0.17) | ParamViolation | -0.93 | #s live stream video frame rate less than 9hz . #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s fly with caution #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.52 | #s low power . #/s |
| Normal | Normal (0.25) | Normal | 1.45 | #s aircraft is returning to the home point . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.52 | #s low power . #/s |
| Normal | Normal (0.24) | Normal | 1.36 | #s returning home . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.20) | SurroundingEnvironment | 0.90 | #s magnetic field interference . #/s |
| Normal | Normal (0.24) | Normal | 1.49 | #s exit p - gps mode . #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | -0.08 | #s yaw error . #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.20) | SurroundingEnvironment | 0.97 | #s manned aircraft detected |

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| Normal | Normal (0.24) | Normal | 1.55 | nearby. #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.07 | #s fly with caution #/s |
| Normal | Normal (0.25) | Normal | -0.17 | #s max altitude approached. #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.39 | #s wait for the gps satellite signal recovery before ascend #/s |
| Normal | Normal (0.25) | Normal | -1.16 | #s max flight altitude reached. #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.27 | #s adjust in main controller settings if necessary #/s |
| Normal | Normal (0.25) | Normal | 0.62 | #s max flight distance reached. #/s |
| ParamViolation | ParamViolation (0.17) | ParamViolation | 1.13 | #s adjust in main controller settings if necessary. #/s |
| Normal | Normal (0.25) | Normal | 1.83 | #s maximum flight distance reached. #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | 1.96 | #s adjust the distance in mc settings if required. #/s |
| Normal | Normal (0.24) | Normal | 0.68 | #s mobile device cpu fully loaded. #/s |

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|----------------------|-----------------------------|----------------------|--------------|--|
| SoftwareFault | Normal (0.24) | Normal | -1.86 | device version too old to support hd image transmission and the image transmission mode has been switch to normal mode. #/s |
| Normal | Normal (0.24) | Normal | 1.33 | #s motor is blocked. #/s |
| HardwareFault | HardwareFault (0.21) | HardwareFault | -1.30 | #s motor stuck. #/s |
| Normal | Normal (0.25) | Normal | 0.96 | #s check for objects blocking motor or contact dji support for assistance #/s |
| Normal | Normal (0.24) | Normal | 0.81 | #s motors started. #/s |
| SoftwareFault | SoftwareFault (0.21) | SoftwareFault | 1.84 | #s no gps signal. #/s |
| Normal | HardwareFault (0.21) | HardwareFault | -1.62 | #s aircraft unable to hover. #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s fly with caution #/s |
| SoftwareFault | SoftwareFault (0.21) | SoftwareFault | 1.84 | #s no gps signal. #/s |
| Normal | HardwareFault (0.21) | HardwareFault | -1.53 | #s unable to hover. #/s |
| Normal | Normal (0.24) | Normal | 1.55 | #s fly with caution #/s |
| Normal | Normal (0.24) | Normal | 1.40 | #s obstacle avoidance disabled . #/s |
| Normal | Normal (0.24) | Normal | 1.61 | #s landing gear lowered . #/s |
| Normal | Normal (0.24) | Normal | 1.40 | #s obstacle avoidance disabled . #/s |

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|------------------------|--------------------------------------|-------------------------------|--------------|---|
| Normal | Normal (0.24) | Normal | 1.40 | #s obstacle avoidance disabled . #/s |
| Normal | Normal (0.24) | Normal | 1.61 | #s landing gear lowered . #/s |
| Normal | Normal (0.24) | Normal | 1.10 | #s obstacle avoidance has been disabled . #/s |
| Normal | Normal (0.24) | Normal | 1.17 | #s precision landing #/s |
| Normal | Normal (0.24) | Normal | 1.93 | #s quickshot has ended #/s |
| Normal | Normal (0.25) | Normal | 1.19 | #s recenter gimbal pan #/s |
| Normal | Normal (0.25) | Normal | 1.72 | #s rectifying aircraft position #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.21) | SurroundingEnvironment | 1.40 | high interference environment . #/s |
| Normal | Normal (0.25) | Normal | 1.52 | #s manually adjust flight route or return to home #/s |
| Normal | Normal (0.25) | Normal | 1.98 | #s return - to - home altitude : 65ft #/s |
| Normal | Normal (0.25) | Normal | 1.92 | #s return - to - home altitude : 98ft . #/s |
| Normal | Normal (0.25) | Normal | -1.96 | #s rth : ascending to rth altitude . #/s |
| Normal | Normal (0.24) | Normal | 0.81 | #s rth : heading alignment . #/s |

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| Normal | Normal (0.24) | Normal | 1.31 | #s rth altitude : 65ft . #/s |
| Normal | Normal (0.24) | Normal | 1.13 | #s rth altitude : 98ft . #/s |
| CommunicationIssue | CommunicationIssue (0.16) | CommunicationIssue | 1.20 | #s signal lost . #/s |
| Normal | Normal (0.25) | Normal | 1.90 | #s aircraft returning to home point . #/s |
| Normal | Normal (0.24) | Normal | 1.29 | #s sprayer turned on #/s |
| SurroundingEnvironment | SurroundingEnvironment (0.20) | SurroundingEnvironment | 1.69 | #s strong wind warning . #/s |
| SoftwareFault | SoftwareFault (0.22) | SoftwareFault | 2.06 | #s aircraft unable to return to home automatically . #/s |
| Normal | Normal (0.25) | Normal | 1.82 | #s lower altitude immediately and return to home manually #/s |
| Normal | Normal (0.25) | Normal | 1.47 | #s switched to s (sport) - mode . #/s |
| Normal | Normal (0.25) | Normal | 2.04 | #s switched to t (tripod) - mode . #/s |
| Normal | Normal (0.25) | Normal | 1.38 | #s take off in p - mode #/s |
| SoftwareFault | HardwareFault (0.21) | HardwareFault | 0.38 | #s vision sensor error . . #/s |
| Normal | Normal (0.25) | Normal | 0.99 | #s contact dji support for assistance . #/s |
| Normal | Normal (0.25) | Normal | -1.21 | #s vision systems and obstacle avoidance |

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|---------------------|-----------------------------------|----------------------------|--------------|---|
| Normal | Normal (0.24) | Normal | 1.88 | disabled #/s #s waypoint mission paused #/s |
| SoftwareFault | SoftwareFault (0.21) | SoftwareFault | 1.47 | #s weak gps signal . #/s |
| Normal | Normal (0.25) | Normal | 1.03 | #s aircraft is in attitude mode and hovering may be unstable . #/s |
| Normal | Normal (0.24) | Normal | 1.15 | #s fly with caution . #/s |
| CommunicationIssue | CommunicationIssue (0.16) | CommunicationIssue | 1.23 | #s weak signal . #/s |
| Normal | Normal (0.24) | Normal | 1.18 | #s adjust antennas #/s |
| RegulationViolation | RegulationViolation (0.18) | RegulationViolation | 2.79 | #s your aircraft is flying in an altitude zone (nnn) . #/s #s please fly |
| Normal | Normal (0.24) | Normal | -0.63 | #s with caution #/s |