

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.83)	SurroundingEnvironment	-0.70	[CLS] a passenger aircraft is nearby . [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
Normal	Normal (0.68)	Normal	-0.43	[CLS] account not logged in . [SEP]
ParamViolation	Normal (0.60)	ParamViolation	0.10	[CLS] flight altitude and distance restricted to nnn and nnn . [SEP]
Normal	Normal (0.92)	Normal	1.95	[CLS] check and log in [SEP]
Normal	Normal (0.80)	Normal	1.36	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.92)	Normal	1.11	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.90)	Normal	1.38	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.92)	Normal	1.11	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.84)	Normal	0.38	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]

Normal	Normal (0.79)	Normal	2.54	activetrack max speed of nnn and obstacle avoidance functions normally [SEP]
HardwareFault	HardwareFault (0.43)	HardwareFault	0.76	[CLS] aircraft core board overheated [SEP]
Normal	Normal (0.81)	Normal	2.56	[CLS] aircraft entered fixed - wing mode . [SEP]
Normal	Normal (0.68)	Normal	1.64	[CLS] current flight speed is nnn . [SEP]
Normal	Normal (0.86)	Normal	-0.35	[CLS] press c2 to exit [SEP]
Normal	Normal (0.69)	Normal	1.16	[CLS] aircraft flight control unlocked [SEP]
RegulationViolation	Normal (0.65)	RegulationViolation	-1.14	[CLS] aircraft in restricted zones . [SEP]
Normal	Normal (0.87)	Normal	1.30	[CLS] check map to find recommended zones [SEP]
Normal	Normal (0.85)	Normal	0.65	[CLS] aircraft is in attitude mode , so that it will not hover . [SEP]
Normal	Normal (0.95)	Normal	-0.04	[CLS] please fly with caution . [SEP]
Normal	Normal (0.87)	Normal	2.39	[CLS] aircraft is in tripod mode . [SEP]
Normal	Normal (0.93)	Normal	1.90	[CLS] exit this mode and try again

				[SEP]
Normal	Normal (0.85)	Normal	1.78	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	Normal (0.37)	ParamViolation	1.62	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.61)	RegulationViolation	-1.41	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.58)	Normal	-0.13	[CLS] rth may be affected . [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
Normal	Normal (0.70)	Normal	0.09	[CLS] arrived at start point . [SEP]
Normal	Normal (0.80)	Normal	-0.51	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.74)	Normal	0.72	[CLS] auto landing initiated [SEP]
Normal	Normal (0.51)	Normal	-1.02	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.45)	SoftwareFault	1.04	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	Normal (0.81)	HardwareFault	2.31	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.56)	HardwareFault	1.54	[CLS] battery error . [SEP] [CLS] aircraft returning to

Normal	Normal (0.82)	Normal	1.71	home automatically [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.82	[CLS] battery power low . [SEP]
Normal	Normal (0.84)	Normal	1.77	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.64)	HardwareFault	1.55	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.33)	SurroundingEnvironment	1.77	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.86)	Normal	0.21	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.50)	HardwareFault	1.54	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.60)	SoftwareFault	1.18	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.78	[CLS] low battery [SEP]
SoftwareFault	Normal (0.59)	SoftwareFault	-0.29	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	Normal (0.68)	SoftwareFault	1.87	[CLS] cannot start self - timer . [SEP]
SoftwareFault	Normal (0.37)	SoftwareFault	2.28	[CLS] exposure time is too long [SEP]

SoftwareFault	Normal (0.52)	SoftwareFault	2.26	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.89)	Normal	2.58	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.32)	SoftwareFault	1.76	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.28)	SurroundingEnvironment	1.99	[CLS] no image [SEP]
Normal	Normal (0.76)	Normal	-0.36	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.32)	SoftwareFault	1.76	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.24)	SurroundingEnvironment	1.65	[CLS] subject too large [SEP]
Normal	Normal (0.89)	Normal	1.05	[CLS] move away and retry [SEP]
Normal	Normal (0.90)	Normal	1.66	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.94)	Normal	1.57	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.40)	HardwareFault	1.81	[CLS] compass abnormal . [SEP]
Normal	Normal (0.73)	Normal	0.01	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

[SEP]

[CLS] the
ground or
walls may
contain metal
. [SEP]

[CLS] move
away from
sources of
interference
before
attempting
flight . [SEP]

[CLS] 2 .
calibrate
compass
before takeoff
[SEP]

[CLS]
compass
error [SEP]

[CLS]
compass
error ,
calibration
required
[SEP]

[CLS]
compass
error . [SEP]

[CLS]
compass
error . [SEP]

[CLS]
compass
disconnected
[SEP]

[CLS]
magnetic
filed
interference .
[SEP]

[CLS] exit p -

gps mode

[SEP]

Normal	Normal (0.66)	Normal	-0.11	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.72)	Normal	1.48	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.91)	Normal	2.59	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	0.43	[CLS] compass error [SEP]
HardwareFault	Normal (0.48)	HardwareFault	1.35	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.84	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.84	[CLS] compass error . [SEP]
HardwareFault	Normal (0.44)	HardwareFault	1.76	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.84	[CLS] compass error . [SEP]
SurroundingEnvironment	HardwareFault (0.36)	SurroundingEnvironment	1.02	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.88)	Normal	-0.16	[CLS] exit p - gps mode [SEP]

SoftwareFault	Normal (0.33)	SoftwareFault	2.04	[CLS] compass initialization failed . [SEP]
Normal	Normal (0.79)	Normal	1.19	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.67	[CLS] critical low battery . [SEP]
Normal	Normal (0.64)	Normal	-0.26	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (0.54)	Normal	1.10	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.67	[CLS] critical low battery . [SEP]
Normal	Normal (0.68)	Normal	1.07	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.67	[CLS] critical low battery . [SEP]
Normal	Normal (0.89)	Normal	0.42	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.58	[CLS] critically low power . [SEP]
Normal	Normal (0.56)	Normal	-0.77	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.58	[CLS] critically low power . [SEP]
Normal	Normal (0.59)	Normal	0.60	[CLS] aircraft landing . [SEP]
Normal	Normal (0.59)	Normal	0.60	[CLS] aircraft landing . [SEP]

Normal	Normal (0.91)	Normal	0.07	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	Normal (0.43)	HardwareFault	1.43	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.60)	Normal	1.25	[CLS] aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.50	[CLS] critically low voltage . [SEP]
Normal	Normal (0.73)	Normal	0.32	[CLS] aircraft will land [SEP]
Normal	Normal (0.78)	Normal	1.87	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.77)	Normal	1.83	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.79)	Normal	1.88	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.79)	Normal	1.92	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.80)	Normal	1.91	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.78)	Normal	1.93	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.78)	Normal	0.02	[CLS] disable sd card read and write

				protection or change card [SEP]
CommunicationIssue	Normal (0.64)	CommunicationIssue	0.67	[CLS] downlink lost . [SEP]
Normal	Normal (0.78)	Normal	0.25	[CLS] downlink restored (after 0m 2 . 9s) . [SEP]
Normal	Normal (0.45)	Normal	-1.15	[CLS] drone is vibrating [SEP]
Normal	Normal (0.78)	Normal	-0.46	[CLS] entered cruise control mode . [SEP]
Normal	Normal (0.91)	Normal	1.09	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	HardwareFault (0.30)	ParamViolation	1.65	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	Normal (0.80)	SoftwareFault	-0.36	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.66)	Normal	-0.48	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.28)	SurroundingEnvironment	2.37	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.36)	Normal	-1.04	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	Normal (0.62)	SoftwareFault	2.47	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	Normal (0.35)	ParamViolation	1.66	[CLS] extra payload detected . [SEP]
Normal	Normal (0.55)	Normal	1.18	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP] [CLS] forward obstacle
SoftwareFault	Normal (0.56)	SoftwareFault	0.77	sensing is not functioning . [SEP]
SoftwareFault	Normal (0.60)	SoftwareFault	2.16	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	2.08	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.74)	Normal	-0.14	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	Normal (0.52)	HardwareFault	1.04	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.46)	Normal	-0.78	[CLS] ground plain . [SEP]
Normal	Normal (0.76)	Normal	-0.18	[CLS] safe to land . [SEP]
ParamViolation	Normal (0.40)	ParamViolation	1.27	[CLS] high altitude . [SEP]
Normal	Normal (0.73)	Normal	2.01	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.28)	SurroundingEnvironment	1.87	[CLS] high wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.25	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.28)	SurroundingEnvironment	1.87	[CLS] high wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.25	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.28)	SurroundingEnvironment	1.87	[CLS] high wind velocity . [SEP]
Normal	Normal (0.98)	Normal	0.85	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.60)	Normal	-0.70	[CLS] high - altitude flight [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
Normal	Normal (0.77)	Normal	1.30	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.71)	Normal	1.59	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.87)	Normal	-0.27	[CLS] home

				point updated
				. [SEP]
				[CLS] imu
				attitude
				restricted .
				[SEP]
				[CLS] ensure
				aircraft is
				level [SEP]
				[CLS] imu not
				calibrated .
				[SEP]
				[CLS]
				calibrate imu
				[SEP]
				[CLS] landing
				canceled .
				[SEP]
				[CLS] landing
				gear function
				restored
				[SEP]
				[CLS] landing
				gear paused .
				[SEP]
				[CLS] landing
				gear raising .
				[SEP]
				[CLS] home
				point
				recorded
				[SEP]
				[CLS] live
				stream video
				frame rate
				less than 9hz
				. [SEP]
				[CLS] fly with
				caution [SEP]
				[CLS] low
				power . [SEP]
				[CLS] aircraft
				is returning
				to the home
				point . [SEP]
				[CLS] low
				power . [SEP]
ParamViolation	Normal (0.43)	ParamViolation	0.74	point updated
Normal	Normal (0.84)	Normal	1.21	. [SEP]
SoftwareFault	Normal (0.59)	SoftwareFault	1.60	[CLS] imu
Normal	Normal (0.68)	Normal	-0.44	attitude
Normal	Normal (0.50)	Normal	0.19	restricted .
Normal	Normal (0.82)	Normal	0.67	[SEP]
Normal	Normal (0.70)	Normal	-0.05	[CLS]
Normal	Normal (0.81)	Normal	1.38	calibrate imu
Normal	Normal (0.68)	Normal	-0.95	[SEP]
Normal	Normal (0.75)	Normal	-0.14	[CLS]
Normal	Normal (0.95)	Normal	0.30	landing
HardwareFault	HardwareFault (0.34)	HardwareFault	0.56	canceled .
Normal	Normal (0.88)	Normal	0.04	[SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	0.56	[CLS]

Normal	Normal (0.70)	Normal	-0.13	[CLS] returning home . [SEP]
SurroundingEnvironment	HardwareFault (0.36)	SurroundingEnvironment	1.02	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.88)	Normal	0.98	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.38	[CLS] yaw error . [SEP]
SurroundingEnvironment	Normal (0.41)	SurroundingEnvironment	1.56	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
ParamViolation	Normal (0.59)	ParamViolation	-0.29	[CLS] max altitude approached . [SEP]
Normal	Normal (0.92)	Normal	0.90	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	Normal (0.61)	ParamViolation	-0.21	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.89)	Normal	1.99	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	Normal (0.57)	ParamViolation	1.96	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.92)	Normal	1.46	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.47)	ParamViolation	1.93	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.95)	Normal	1.38	in mc settings if required . [SEP] [CLS] mobile
HardwareFault	Normal (0.74)	HardwareFault	2.21	device cpu fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.57)	Normal	-0.34	will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission
SoftwareFault	Normal (0.74)	SoftwareFault	3.35	and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
Normal	HardwareFault (0.31)	Normal	-1.16	is blocked . [SEP] [CLS] motor
HardwareFault	HardwareFault (0.41)	HardwareFault	1.80	stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.81)	Normal	-0.51	

				assistance
				[SEP]
				[CLS] motors
Normal	Normal (0.58)	Normal	1.48	started . [SEP]
SoftwareFault	Normal (0.38)	SoftwareFault	0.18	[CLS] no gps signal . [SEP]
Normal	Normal (0.36)	Normal	0.62	[CLS] aircraft unable to hover . [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
SoftwareFault	Normal (0.38)	SoftwareFault	0.18	[CLS] no gps signal . [SEP]
Normal	Normal (0.39)	Normal	0.77	[CLS] unable to hover . [SEP]
Normal	Normal (0.95)	Normal	0.30	[CLS] fly with caution [SEP]
Normal	Normal (0.65)	Normal	-0.51	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.76)	Normal	1.86	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.65)	Normal	-0.51	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.65)	Normal	-0.51	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.76)	Normal	1.86	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.86)	Normal	1.82	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.82)	Normal	1.29	[CLS] precision

Normal	Normal (0.78)	Normal	-0.53	landing [SEP] [CLS] quickshot has ended [SEP] [CLS]
Normal	Normal (0.50)	Normal	1.09	recenter gimbal pan [SEP] [CLS]
Normal	Normal (0.71)	Normal	0.05	rectifying aircraft position [SEP] [CLS] remote controller in high
SurroundingEnvironment	Normal (0.38)	SurroundingEnvironment	1.31	interference environment . [SEP] [CLS] manually adjust flight route or return to home [SEP] [CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.94)	Normal	0.76	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.74)	Normal	1.11	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.74)	Normal	1.35	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.83)	Normal	-0.50	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.75)	Normal	0.95	[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.64)	Normal	0.91	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.70)	Normal	1.04	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	Normal (0.31)	CommunicationIssue	0.45	[CLS] signal

Normal	Normal (0.77)	Normal	1.42	lost . [SEP] [CLS] aircraft returning to home point [SEP]
Normal	Normal (0.74)	Normal	-0.66	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.46)	SurroundingEnvironment	0.33	[CLS] strong wind warning . [SEP]
SoftwareFault	Normal (0.75)	SoftwareFault	1.36	[CLS] aircraft unable to return to home automatically . [SEP]
Normal	Normal (0.93)	Normal	1.68	[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (0.85)	Normal	-0.15	[CLS] switched to s (sport) - mode . [SEP]
Normal	Normal (0.76)	Normal	1.27	[CLS] switched to t (tripod) - mode . [SEP]
Normal	Normal (0.93)	Normal	-0.02	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.45)	SoftwareFault	1.81	[CLS] vision sensor error . [SEP]
Normal	Normal (0.88)	Normal	0.94	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.65)	Normal	-0.19	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.76)	Normal	0.46	[CLS] waypoint mission paused [SEP]
SoftwareFault	HardwareFault (0.35)	SoftwareFault	-0.08	[CLS] weak gps signal . [SEP]
Normal	Normal (0.64)	Normal	1.34	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.97)	Normal	-0.08	[CLS] fly with caution . [SEP]
CommunicationIssue	HardwareFault (0.30)	CommunicationIssue	1.26	[CLS] weak signal . [SEP]
Normal	Normal (0.73)	Normal	0.38	[CLS] adjust antennas [SEP]
RegulationViolation	Normal (0.82)	RegulationViolation	-1.19	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
Normal	Normal (0.97)	Normal	0.18	[CLS] please fly with caution [SEP]