

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.18)	Normal	1.05	[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 (0.23)	ParamViolation	2.10	[CLS] check and log in [SEP]
Normal	Normal (0.18)	Normal	1.16	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.18)	Normal	0.86	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.18)	Normal	0.67	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.18)	Normal	0.34	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.18)	Normal	0.67	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.18)	Normal	0.24	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
				[CLS] aircraft



Normal	Normal (0.18)	Normal	0.14	activetrack max speed of nnn and obstacle avoidance functions normally [SEP]
				[CLS] aircraft core board overheated [SEP]
				[CLS] aircraft entered fixed - wing mode . [SEP]
				[CLS] current flight speed is nnn . [SEP]
				[CLS] press c2 to exit [SEP]
Normal	Normal (0.18)	Normal	1.32	[CLS] aircraft flight control unlocked [SEP]
Normal	Normal (0.18)	Normal	0.73	[CLS] aircraft in restricted zones . [SEP]
RegulationViolation	RegulationViolation (0.20)	RegulationViolation	1.29	[CLS] check map to find recommended zones [SEP]
Normal	Normal (0.18)	Normal	1.31	[CLS] aircraft is in attitude mode , so that it will not hover . [SEP]
Normal	Normal (0.18)	Normal	0.26	[CLS] please fly with caution . [SEP]
Normal	Normal (0.18)	Normal	0.77	[CLS] aircraft is in tripod mode . [SEP]
Normal	Normal (0.18)	Normal	0.65	[CLS] exit this mode and try again
Normal	Normal (0.18)	Normal	1.42	



				[SEP]
Normal	Normal (0.18)	Normal	1.72	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.24)	ParamViolation	1.84	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.20)	RegulationViolation	1.85	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.18)	Normal	1.04	[CLS] rth may be affected . [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution [SEP]
Normal	Normal (0.18)	Normal	0.97	[CLS] arrived at start point . [SEP]
Normal	Normal (0.18)	Normal	0.98	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.18)	Normal	1.52	[CLS] auto landing initiated [SEP]
Normal	Normal (0.18)	Normal	0.63	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.63	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.95	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.39	[CLS] battery error . [SEP]
				[CLS] aircraft returning to



Normal	Normal (0.18)	Normal	1.93	home automatically [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.91	[CLS] battery power low . [SEP]
Normal	Normal (0.18)	Normal	1.08	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.24)	HardwareFault	1.38	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.24)	SoftwareFault	-1.12	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.18)	Normal	0.35	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	2.09	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.03	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.25)	HardwareFault	1.58	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.34	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.16	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.20)	ParamViolation	-0.36	[CLS] exposure time is too long [SEP]



SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.03	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.18)	Normal	1.22	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.07	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.23)	SoftwareFault	-1.07	[CLS] no image [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.07	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.24)	SoftwareFault	-1.05	[CLS] subject too large [SEP]
Normal	Normal (0.18)	Normal	1.16	[CLS] move away and retry [SEP]
Normal	Normal (0.18)	Normal	1.23	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.18)	Normal	1.34	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.61	[CLS] compass abnormal . [SEP]
Normal	Normal (0.18)	Normal	0.10	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .



				[SEP]
Normal	Normal (0.18)	Normal	0.41	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.18)	Normal	0.77	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.18)	Normal	1.15	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.25)	HardwareFault	1.40	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.22)	HardwareFault	1.54	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.54	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.54	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.25)	HardwareFault	1.49	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.54	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.51	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.18)	Normal	1.24	[CLS] exit p - gps mode [SEP]



				[CLS]
SoftwareFault	HardwareFault (0.26)	HardwareFault	0.10	compass initialization failed . [SEP]
Normal	Normal (0.17)	Normal	0.73	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.93	[CLS] critical low battery . [SEP]
Normal	Normal (0.18)	Normal	0.72	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (0.18)	Normal	1.57	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.93	[CLS] critical low battery . [SEP]
Normal	Normal (0.18)	Normal	0.99	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.93	[CLS] critical low battery . [SEP]
Normal	Normal (0.18)	Normal	1.34	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.93	[CLS] critically low power . [SEP]
Normal	Normal (0.18)	Normal	0.75	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.93	[CLS] critically low power . [SEP]
Normal	Normal (0.18)	Normal	0.60	[CLS] aircraft landing . [SEP]
Normal	Normal (0.18)	Normal	0.60	[CLS] aircraft landing . [SEP]
				[CLS] throttle up to reduce



Normal	Normal (0.18)	Normal	0.52	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.26)	HardwareFault	2.05	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.45	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.97	critically low voltage . [SEP] [CLS]
Normal	Normal (0.18)	Normal	1.07	aircraft will land [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.58	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.58	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.65	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.47	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.47	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.51	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (0.18)	Normal	0.80	[CLS] disable sd card read and write



				protection or change card [SEP]
				[CLS]
CommunicationIssue	CommunicationIssue (0.22)	CommunicationIssue	1.47	downlink lost .[SEP]
				[CLS]
Normal	Normal (0.18)	Normal	0.67	downlink restored ( after 0m 2 . 9s ) . [SEP]
				[CLS] drone
Normal	HardwareFault (0.24)	HardwareFault	-1.63	is vibrating [SEP]
				[CLS] entered
Normal	Normal (0.18)	Normal	0.96	cruise control mode . [SEP]
				[CLS] press
Normal	Normal (0.18)	Normal	0.95	c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.22)	ParamViolation	1.79	excessive attitude angle detected [SEP]
				[CLS] forward
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.84	obstacle avoidance has stopped working [SEP]
				[CLS] exit
Normal	Normal (0.18)	Normal	1.07	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.52	ambient light is too weak [SEP]
				[CLS] exited
Normal	Normal (0.18)	Normal	0.86	visual avoidance system . [SEP]
				[CLS] exiting
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.14	gps mode : unknown error [SEP]



ParamViolation	ParamViolation (0.24)	ParamViolation	1.63	[CLS] extra payload detected . [SEP]
Normal	Normal (0.18)	Normal	0.95	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.48	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.57	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	2.08	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.18)	Normal	0.75	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.85	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.17)	Normal	0.00	[CLS] ground plain . [SEP]
Normal	Normal (0.18)	Normal	0.56	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.22)	ParamViolation	1.60	[CLS] high altitude . [SEP]
Normal	HardwareFault (0.24)	HardwareFault	-1.53	[CLS] aircraft braking distance increased and flight time decreased . [SEP]



Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.65	[CLS] high wind velocity . [SEP]
Normal	Normal (0.18)	Normal	0.43	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.65	[CLS] high wind velocity . [SEP]
Normal	Normal (0.18)	Normal	0.43	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.65	[CLS] high wind velocity . [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.21)	ParamViolation	-1.97	[CLS] high - altitude flight [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution [SEP]
Normal	Normal (0.17)	Normal	-0.02	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.21)	ParamViolation	-2.00	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.18)	Normal	0.65	[CLS] home



ParamViolation	ParamViolation (0.18)	ParamViolation	1.22	point updated [SEP]
				[CLS] imu attitude
				restricted . [SEP]
Normal	Normal (0.18)	Normal	0.64	[CLS] ensure aircraft is level [SEP]
SoftwareFault	Normal (0.18)	Normal	-0.25	[CLS] imu not calibrated . [SEP]
Normal	Normal (0.18)	Normal	1.60	[CLS] calibrate imu [SEP]
Normal	Normal (0.17)	Normal	-0.48	[CLS] landing canceled . [SEP]
Normal	Normal (0.18)	Normal	1.20	[CLS] landing gear function restored [SEP]
Normal	Normal (0.18)	Normal	0.39	[CLS] landing gear paused . [SEP]
Normal	Normal (0.18)	Normal	0.60	[CLS] landing gear raising . [SEP]
Normal	Normal (0.18)	Normal	1.16	[CLS] home point recorded [SEP]
Normal	Normal (0.18)	Normal	-2.22	[CLS] live stream video frame rate less than 9hz [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.69	[CLS] low power . [SEP]
Normal	Normal (0.18)	Normal	1.17	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.69	[CLS] low power . [SEP]



Normal	Normal (0.18)	Normal	0.79	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.51	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.18)	Normal	0.76	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.26)	HardwareFault	1.99	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.20)	SurroundingEnvironment	0.91	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.21)	ParamViolation	0.94	[CLS] max altitude approached . [SEP]
Normal	Normal (0.18)	Normal	0.40	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.24)	ParamViolation	2.01	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.18)	Normal	1.01	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.24)	ParamViolation	1.98	[CLS] max flight distance reached . [SEP]
				[CLS] adjust



Normal	Normal (0.18)	Normal	0.67	in main controller settings if necessary .
				[SEP]
ParamViolation	ParamViolation (0.24)	ParamViolation	2.00	[CLS]
				maximum flight distance reached .
Normal	Normal (0.18)	Normal	0.61	[SEP]
				[CLS] adjust the distance in mc settings if required .
HardwareFault	HardwareFault (0.25)	HardwareFault	1.84	[SEP]
				[CLS] mobile device cpu fully loaded .
Normal	Normal (0.18)	Normal	0.98	[SEP]
				[CLS] related performance will be affected .
SoftwareFault	Normal (0.18)	Normal	-0.06	[SEP]
				[CLS] mobile device version too old to support hd image transmission and the image transmission mode has been switch to normal mode .
Normal	Normal (0.18)	Normal	0.18	[SEP]
				[CLS] motor is blocked .
HardwareFault	HardwareFault (0.26)	HardwareFault	1.45	[SEP]
				[CLS] motor stuck .
Normal	Normal (0.18)	Normal	1.11	[CLS] check for objects blocking motor or contact dji support for



Normal	HardwareFault (0.25)	HardwareFault	-1.98	assistance [SEP]
				[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.69	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.26)	HardwareFault	-1.02	[CLS] aircraft unable to hover . [SEP]
				[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.69	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.26)	HardwareFault	-1.25	[CLS] unable to hover . [SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.18)	Normal	1.12	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.18)	Normal	0.56	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.18)	Normal	0.56	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.18)	Normal	0.65	[CLS] obstacle avoidance has been disabled . [SEP]
				[CLS] precision



Normal	Normal (0.18)	Normal	1.39	landing [SEP]
				[CLS]
				quickshot has ended [SEP]
Normal	Normal (0.18)	Normal	1.28	[CLS]
				recenter
				gimbal pan [SEP]
Normal	Normal (0.18)	Normal	0.48	[CLS]
				rectifying
				aircraft
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.88	position [SEP]
				[CLS] remote controller in
				high interference environment . [SEP]
Normal	Normal (0.18)	Normal	1.50	[CLS]
				manually
				adjust flight route or return to home [SEP]
Normal	Normal (0.18)	Normal	0.85	[CLS] return -
				to - home altitude : 65ft [SEP]
				[CLS] return -
Normal	Normal (0.18)	Normal	0.56	to - home altitude : 98ft . [SEP]
				[CLS] rth :
				ascending to rth altitude . [SEP]
Normal	Normal (0.18)	Normal	0.99	[CLS] rth :
				heading alignment . [SEP]
				[CLS] rth
Normal	Normal (0.18)	Normal	0.74	altitude : 65ft . [SEP]
				[CLS] rth
				altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.22)	CommunicationIssue	1.62	[CLS] signal



Normal	Normal (0.18)	Normal	1.73	lost . [SEP]
				[CLS] aircraft returning to home point [SEP]
Normal	Normal (0.18)	Normal	1.24	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.21)	SurroundingEnvironment	1.35	[CLS] strong wind warning . [SEP]
				[CLS] aircraft unable to return to home automatically . [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.23	[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (0.18)	Normal	1.64	[CLS]
				switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.18)	Normal	0.77	[CLS]
Normal	Normal (0.18)	Normal	0.42	switched to t ( tripod ) - mode . [SEP]
				[CLS] take off in p - mode [SEP]
Normal	Normal (0.18)	Normal	1.70	[CLS] vision sensor error . [SEP]
SoftwareFault	HardwareFault (0.24)	HardwareFault	0.18	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.18)	Normal	1.20	[CLS] vision systems and obstacle avoidance disabled [SEP]
Normal	Normal (0.18)	Normal	0.70	



Normal	Normal (0.18)	Normal	0.87	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (0.24)	SoftwareFault	1.70	[CLS] weak gps signal . [SEP]
Normal	Normal (0.18)	Normal	0.86	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.18)	Normal	0.62	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (0.21)	CommunicationIssue	1.55	[CLS] weak signal . [SEP]
Normal	Normal (0.17)	Normal	1.07	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.20)	RegulationViolation	2.03	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.18)	Normal	1.18	[CLS] please fly with caution [SEP]