

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.99)	Normal	1.64	[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 (0.99)	ParamViolation	2.42	[CLS] check and log in [SEP]
Normal	Normal (1.00)	Normal	2.20	[CLS] activetrack flight paused [SEP]
Normal	Normal (1.00)	Normal	0.32	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (1.00)	Normal	1.08	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.99)	Normal	0.13	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (1.00)	Normal	1.08	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.96)	Normal	-0.29	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
				[CLS] aircraft

Normal	Normal (1.00)	Normal	-0.01	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (1.00)	HardwareFault	1.82	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (1.00)	Normal	2.20	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.99)	Normal	0.73	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (1.00)	Normal	2.19	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.99)	RegulationViolation	2.16	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (1.00)	Normal	1.87	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (1.00)	Normal	1.65	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (1.00)	Normal	2.24	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (1.00)	Normal	2.24	[CLS] exit
				this mode and
				try again

				[SEP]
Normal	Normal (1.00)	Normal	2.15	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.96)	ParamViolation	1.28	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.94)	RegulationViolation	1.16	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (1.00)	Normal	2.09	[CLS] rth may be affected . [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with caution [SEP]
Normal	Normal (1.00)	Normal	1.87	[CLS] arrived at start point . [SEP]
Normal	Normal (1.00)	Normal	2.13	[CLS] starting waypoint mission [SEP]
Normal	Normal (1.00)	Normal	1.93	[CLS] auto landing initiated [SEP]
Normal	Normal (0.99)	Normal	0.65	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.76	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	2.02	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.65	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (1.00)	Normal	1.81	home automatically [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	2.08	[CLS] battery power low . [SEP]
Normal	Normal (1.00)	Normal	2.13	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	SoftwareFault (0.77)	SoftwareFault	1.07	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.99)	SoftwareFault	0.74	[CLS] calibration subject is too close . [SEP]
Normal	Normal (1.00)	Normal	2.78	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	SoftwareFault (0.96)	SoftwareFault	0.87	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	0.99	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.81	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.88	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	1.11	[CLS] cannot start self - timer . [SEP]
SoftwareFault	SoftwareFault (0.53)	SoftwareFault	1.32	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.99)	SoftwareFault	0.83	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (1.00)	Normal	1.68	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	0.69	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.84)	SoftwareFault	0.59	[CLS] no image [SEP]
Normal	Normal (1.00)	Normal	1.84	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	0.69	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (1.00)	SoftwareFault	1.71	[CLS] subject too large [SEP]
Normal	Normal (1.00)	Normal	2.58	[CLS] move away and retry [SEP]
Normal	Normal (1.00)	Normal	0.18	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (1.00)	Normal	3.26	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.79	[CLS] compass abnormal . [SEP]
Normal	Normal (1.00)	Normal	2.03	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (1.00)	Normal	0.22	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (1.00)	Normal	2.80	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (1.00)	Normal	1.21	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.71	[CLS] compass error [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	0.99	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.74	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.74	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.56	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.74	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.19	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	2.14	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (1.00)	HardwareFault	-0.24	[CLS]
				compass
				initialization
				failed . [SEP]
Normal	Normal (1.00)	Normal	1.92	[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.51	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (1.00)	Normal	2.54	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (1.00)	Normal	1.91	. [SEP]
				[CLS] forced
				landing in
				progress
HardwareFault	HardwareFault (1.00)	HardwareFault	1.51	[SEP]
				[CLS] critical
				low battery .
Normal	Normal (1.00)	Normal	1.75	[SEP]
				[CLS] aircraft
				landing
HardwareFault	HardwareFault (1.00)	HardwareFault	1.51	automatically
				[SEP]
				[CLS] critical
Normal	Normal (1.00)	Normal	1.47	low battery .
				[SEP]
				[CLS] return
HardwareFault	HardwareFault (1.00)	HardwareFault	1.74	to home or
				land promptly
				[SEP]
Normal	Normal (1.00)	Normal	1.65	[CLS]
				critically low
				power . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.74	[CLS] aircraft
				is landing
				[SEP]
Normal	Normal (1.00)	Normal	1.86	[CLS]
				critically low
				power . [SEP]
Normal	Normal (1.00)	Normal	1.86	[CLS] aircraft
				landing .
				[SEP]
Normal	Normal (1.00)	Normal	1.86	[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (1.00)	Normal	2.72	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.37	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.98)	Normal	-0.08	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.95	critically low voltage . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.80	aircraft will land [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.94	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.92	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.22	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.86	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.47	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.56	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	2.89	disable sd card read and write

				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.98)	CommunicationIssue	1.60	[CLS] downlink lost . [SEP]
Normal	Normal (1.00)	Normal	2.68	[CLS] downlink restored (after 0m 2 . 9s) . [SEP]
Normal	Normal (0.56)	Normal	0.08	[CLS] drone is vibrating [SEP]
Normal	Normal (1.00)	Normal	1.91	[CLS] entered cruise control mode . [SEP]
Normal	Normal (1.00)	Normal	1.75	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.99)	ParamViolation	1.12	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	Normal (0.99)	Normal	1.00	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (1.00)	Normal	1.95	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	2.09	[CLS] ambient light is too weak [SEP]
Normal	Normal (1.00)	Normal	1.90	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	Normal (0.52)	Normal	1.21	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (1.00)	ParamViolation	1.92	[CLS] extra payload detected . [SEP]
Normal	Normal (1.00)	Normal	1.96	[CLS] flight performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.73	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.19	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.51	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (1.00)	Normal	2.66	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.71	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.97)	Normal	0.31	[CLS] ground plain . [SEP]
Normal	Normal (1.00)	Normal	0.84	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.94)	ParamViolation	1.10	[CLS] high altitude . [SEP]
Normal	Normal (0.86)	Normal	-0.88	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (1.00)	Normal	1.27	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.80	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	2.88	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.80	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	2.88	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.80	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	2.40	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.73)	ParamViolation	-0.51	[CLS] high - altitude flight [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with caution [SEP]
Normal	Normal (0.99)	Normal	-0.19	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (1.00)	Normal	1.05	[CLS] flight time is shortened . [SEP]
Normal	Normal (1.00)	Normal	1.86	[CLS] home

				point updated [SEP]
ParamViolation	SoftwareFault (0.57)	SoftwareFault	1.40	[CLS] imu attitude restricted . [SEP]
Normal	Normal (1.00)	Normal	1.72	[CLS] ensure aircraft is level [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.88	[CLS] imu not calibrated . [SEP]
Normal	Normal (1.00)	Normal	2.29	[CLS] calibrate imu [SEP]
Normal	SoftwareFault (0.99)	SoftwareFault	-0.65	[CLS] landing canceled . [SEP]
Normal	Normal (1.00)	Normal	0.22	[CLS] landing gear function restored [SEP]
Normal	Normal (1.00)	Normal	1.78	[CLS] landing gear paused . [SEP]
Normal	Normal (1.00)	Normal	2.27	[CLS] landing gear raising . [SEP]
Normal	Normal (1.00)	Normal	1.46	[CLS] home point recorded [SEP]
Normal	Normal (0.72)	Normal	-1.39	[CLS] live stream video frame rate less than 9hz [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.82	[CLS] low power . [SEP]
Normal	Normal (1.00)	Normal	2.68	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.82	[CLS] low power . [SEP]

Normal	Normal (1.00)	Normal	1.67	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.19	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	1.19	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.72	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.97)	SurroundingEnvironment	1.72	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with caution [SEP]
ParamViolation	SurroundingEnvironment (0.58)	SurroundingEnvironment	1.78	[CLS] max altitude approached . [SEP]
Normal	Normal (1.00)	Normal	2.53	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (1.00)	ParamViolation	2.01	[CLS] max flight altitude reached . [SEP]
Normal	Normal (1.00)	Normal	2.05	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (1.00)	ParamViolation	1.94	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (1.00)	Normal	2.63	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (1.00)	ParamViolation	2.03	flight distance reached . [SEP] [CLS] adjust the distance in mc settings if required . [SEP]
Normal	Normal (1.00)	Normal	1.22	[CLS] mobile device cpu fully loaded . [SEP]
HardwareFault	Normal (1.00)	Normal	1.05	[CLS] related performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	1.36	[CLS] mobile device version too old to support hd image transmission and the image transmission mode has been switch to normal mode . [SEP]
SoftwareFault	SoftwareFault (0.63)	SoftwareFault	1.60	[CLS] motor is blocked . [SEP]
Normal	Normal (1.00)	Normal	1.82	[CLS] motor stuck . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.82	[CLS] check for objects blocking motor or contact dji support for
Normal	Normal (1.00)	Normal	1.69	

				assistance
				[SEP]
Normal	Normal (1.00)	Normal	0.63	[CLS] motors
				started . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.47	[CLS] no gps
				signal . [SEP]
Normal	HardwareFault (0.88)	HardwareFault	-1.05	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with
				caution [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.47	[CLS] no gps
				signal . [SEP]
Normal	HardwareFault (0.98)	HardwareFault	-1.24	[CLS] unable
				to hover . [SEP]
Normal	Normal (1.00)	Normal	1.27	[CLS] fly with
				caution [SEP]
Normal	Normal (1.00)	Normal	1.75	[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.75	avoidance
				disabled . [SEP]
Normal	Normal (1.00)	Normal	2.03	[CLS] landing
				gear lowered . [SEP]
Normal	Normal (1.00)	Normal	1.75	[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.75	avoidance
				disabled . [SEP]
Normal	Normal (1.00)	Normal	1.75	[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.75	avoidance
				disabled . [SEP]
Normal	Normal (1.00)	Normal	2.03	[CLS] landing
				gear lowered . [SEP]
Normal	Normal (1.00)	Normal	0.05	[CLS]
				obstacle
Normal	Normal (1.00)	Normal	0.05	avoidance has
				been disabled . [SEP]
Normal	Normal (1.00)	Normal	1.71	[CLS]
				precision

Normal	Normal (1.00)	Normal	1.79	landing [SEP]
				[CLS]
				quickshot has ended [SEP]
Normal	Normal (1.00)	Normal	1.28	[CLS]
				recenter
				gimbal pan [SEP]
Normal	Normal (1.00)	Normal	2.03	[CLS]
				rectifying
				aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.89	[CLS] remote controller in
				high
				interference environment . [SEP]
Normal	Normal (1.00)	Normal	1.02	[CLS]
				manually adjust flight
				route or return to home [SEP]
Normal	Normal (1.00)	Normal	1.93	[CLS] return -
				to - home
				altitude : 65ft [SEP]
Normal	Normal (1.00)	Normal	2.40	[CLS] return -
				to - home
				altitude : 98ft . [SEP]
Normal	Normal (1.00)	Normal	0.49	[CLS] rth :
				ascending to
				rth altitude . [SEP]
Normal	Normal (1.00)	Normal	0.88	[CLS] rth :
				heading
				alignment . [SEP]
Normal	Normal (1.00)	Normal	1.81	[CLS] rth
				altitude : 65ft
				. [SEP]
Normal	Normal (1.00)	Normal	2.18	[CLS] rth
				altitude : 98ft
				. [SEP]
CommunicationIssue	CommunicationIssue (0.95)	CommunicationIssue	0.78	[CLS] signal

				lost . [SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	1.19	returning to home point [SEP]
Normal	Normal (1.00)	Normal	1.94	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.46	[CLS] strong wind warning . [SEP]
				[CLS] aircraft unable to return to home automatically . [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	1.63	[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (1.00)	Normal	1.55	[CLS] switched to s (sport) - mode . [SEP]
Normal	Normal (1.00)	Normal	2.64	[CLS] switched to t (tripod) - mode . [SEP]
Normal	Normal (1.00)	Normal	2.06	[CLS] take off in p - mode [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	1.60	[CLS] vision sensor error . [SEP]
Normal	Normal (1.00)	Normal	2.15	[CLS] contact dji support for assistance [SEP]
Normal	Normal (1.00)	Normal	1.08	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (1.00)	Normal	1.04	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.89	[CLS] weak gps signal . [SEP]
Normal	Normal (1.00)	Normal	0.88	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (1.00)	Normal	2.12	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (0.99)	CommunicationIssue	1.70	[CLS] weak signal . [SEP]
Normal	Normal (1.00)	Normal	1.53	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.79)	RegulationViolation	1.57	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
Normal	Normal (1.00)	Normal	2.05	[CLS] please fly with caution [SEP]