

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.88)	SurroundingEnvironment	1.86	[CLS] a passenger aircraft is nearby . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
Normal	Normal (1.00)	Normal	1.83	
Normal	SoftwareFault (0.75)	Normal	-1.13	
ParamViolation	ParamViolation (0.95)	ParamViolation	1.82	[CLS] flight altitude and distance restricted to nnn and nnn . [SEP]
				[CLS] check and log in [SEP]
				[CLS] activetrack flight paused [SEP]
Normal	Normal (1.00)	Normal	1.76	
Normal	Normal (1.00)	Normal	1.84	
Normal	Normal (1.00)	Normal	2.13	[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (1.00)	Normal	0.27	
Normal	Normal (1.00)	Normal	2.13	
Normal	Normal (1.00)	Normal	0.75	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
				[CLS] aircraft

Normal	Normal (1.00)	Normal	1.41	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.99)	HardwareFault	2.50	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.97)	Normal	0.05	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.99)	Normal	0.79	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (1.00)	Normal	1.72	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.82)	RegulationViolation	1.95	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (1.00)	Normal	0.65	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.65)	Normal	-0.04	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (1.00)	Normal	1.81	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (1.00)	Normal	0.96	[CLS] exit
				this mode and
				try again
				1.92
				Normal

				[SEP]
Normal	Normal (1.00)	Normal	1.63	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.82)	ParamViolation	2.21	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.61)	RegulationViolation	1.89	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (1.00)	Normal	1.52	[CLS] rth may be affected . [SEP]
Normal	Normal (1.00)	Normal	1.83	[CLS] fly with caution [SEP]
Normal	Normal (1.00)	Normal	0.39	[CLS] arrived at start point . [SEP]
Normal	Normal (1.00)	Normal	0.90	[CLS] starting waypoint mission [SEP]
Normal	Normal (1.00)	Normal	1.85	[CLS] auto landing initiated [SEP]
Normal	Normal (1.00)	Normal	1.68	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	1.30	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.17	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.60	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (1.00)	Normal	2.34	home automatically [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.95	[CLS] battery power low . [SEP]
Normal	Normal (1.00)	Normal	2.07	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.57)	HardwareFault	1.82	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.97)	SurroundingEnvironment	-0.57	[CLS] calibration subject is too close . [SEP]
Normal	Normal (1.00)	Normal	0.93	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.65)	HardwareFault	2.15	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.64	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.65	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.78	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	0.55	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.97)	SoftwareFault	-0.93	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.60	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (1.00)	Normal	2.13	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.97)	SoftwareFault	0.91	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.97)	SurroundingEnvironment	-0.58	[CLS] no image [SEP]
Normal	Normal (1.00)	Normal	0.88	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.97)	SoftwareFault	0.91	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.98)	SurroundingEnvironment	0.05	[CLS] subject too large [SEP]
Normal	Normal (1.00)	Normal	1.37	[CLS] move away and retry [SEP]
Normal	Normal (1.00)	Normal	1.71	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (1.00)	Normal	2.38	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.67	[CLS] compass abnormal . [SEP]
Normal	Normal (1.00)	Normal	0.83	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.99)	Normal	0.84	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (1.00)	Normal	0.88	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (1.00)	Normal	1.78	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.48	[CLS] compass error [SEP]
HardwareFault	SoftwareFault (0.87)	HardwareFault	1.27	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.70	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.70	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.59	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.70	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.97)	SurroundingEnvironment	1.63	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	1.49	[CLS] exit p - gps mode [SEP]

				[CLS]
SoftwareFault	HardwareFault (0.56)	SoftwareFault	0.54	compass initialization failed. [SEP]
Normal	Normal (1.00)	Normal	1.67	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.93	[CLS] critical low battery. [SEP]
Normal	Normal (1.00)	Normal	1.69	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (1.00)	Normal	2.11	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.93	[CLS] critical low battery. [SEP]
Normal	Normal (1.00)	Normal	1.63	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.93	[CLS] critical low battery. [SEP]
Normal	Normal (1.00)	Normal	1.96	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.00	[CLS] critically low power. [SEP]
Normal	Normal (1.00)	Normal	1.25	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.00	[CLS] critically low power. [SEP]
Normal	Normal (0.99)	Normal	1.03	[CLS] aircraft landing. [SEP]
Normal	Normal (0.99)	Normal	1.03	[CLS] aircraft landing. [SEP]
				[CLS] throttle up to reduce

Normal	Normal (1.00)	Normal	1.96	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.00	critically low voltage warning . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.71	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.00	critically low voltage . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.64	aircraft will land [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.81	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.85	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.95	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.03	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.91	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.88	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.81	disable sd card read and write [SEP] [CLS]

				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.89)	CommunicationIssue	1.59	[CLS] downlink lost . [SEP]
Normal	Normal (1.00)	Normal	1.59	[CLS] downlink restored (after 0m 2 . 9s) . [SEP]
Normal	Normal (0.97)	Normal	0.54	[CLS] drone is vibrating [SEP]
Normal	Normal (1.00)	Normal	1.64	[CLS] entered cruise control mode . [SEP]
Normal	Normal (1.00)	Normal	1.51	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.96)	ParamViolation	1.61	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.97)	SoftwareFault	0.78	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.92	[CLS] ambient light is too weak [SEP]
Normal	Normal (1.00)	Normal	0.87	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	SoftwareFault (0.97)	SoftwareFault	0.80	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.97)	ParamViolation	1.90	[CLS] extra payload detected . [SEP]
Normal	Normal (1.00)	Normal	1.98	[CLS] flight performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	1.83	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.87	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.80	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.50	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (1.00)	Normal	1.48	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.32	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (1.00)	Normal	1.04	[CLS] ground plain . [SEP]
Normal	Normal (1.00)	Normal	1.31	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.89)	ParamViolation	1.65	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.95)	Normal	-1.71	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (1.00)	Normal	1.83	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.89	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.16	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.89	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.16	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.89	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.85	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.94)	Normal	-2.10	[CLS] high - altitude flight [SEP]
Normal	Normal (1.00)	Normal	1.83	[CLS] fly with caution [SEP]
Normal	Normal (0.85)	Normal	-0.37	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.97)	Normal	-1.68	[CLS] flight time is shortened . [SEP]
Normal	Normal (1.00)	Normal	1.24	[CLS] home

ParamViolation	SoftwareFault (0.45)	ParamViolation	2.01	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (1.00)	Normal	1.07	aircraft is level [SEP]
SoftwareFault	SoftwareFault (0.79)	SoftwareFault	1.10	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.99)	Normal	0.50	calibrate imu [SEP]
Normal	Normal (0.98)	Normal	1.11	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (1.00)	Normal	1.85	[CLS] landing gear paused . [SEP]
Normal	Normal (1.00)	Normal	1.13	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (1.00)	Normal	1.63	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.75	[CLS] low power . [SEP]
Normal	Normal (1.00)	Normal	1.92	[CLS] aircraft is returning to the home point . [SEP]
				[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.75	

Normal	Normal (1.00)	Normal	1.57	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.97)	SurroundingEnvironment	1.63	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	1.45	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.94	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.54)	SurroundingEnvironment	1.32	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (1.00)	Normal	1.83	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.86)	ParamViolation	1.67	[CLS] max altitude approached . [SEP]
Normal	Normal (1.00)	Normal	1.22	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.97)	ParamViolation	1.78	[CLS] max flight altitude reached . [SEP]
Normal	Normal (1.00)	Normal	1.77	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.97)	ParamViolation	1.92	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (1.00)	Normal	1.71	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.97)	ParamViolation	2.10	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (1.00)	Normal	1.45	in mc settings if required . [SEP] [CLS] mobile device cpu fully loaded . [SEP] [CLS] related performance will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission and the image transmission mode has been switch to normal mode . [SEP]
HardwareFault	HardwareFault (0.98)	HardwareFault	2.34	
Normal	Normal (1.00)	Normal	2.00	
SoftwareFault	SoftwareFault (0.86)	SoftwareFault	0.42	
Normal	Normal (1.00)	Normal	0.82	[CLS] motor is blocked . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.54	[CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for

				assistance [SEP]
				[CLS] motors
Normal	Normal (0.99)	Normal	0.87	started . [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.80	[CLS] no gps signal . [SEP]
				[CLS] aircraft
Normal	HardwareFault (0.98)	Normal	-0.73	unable to hover . [SEP]
				[CLS] fly with
Normal	Normal (1.00)	Normal	1.83	caution [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.80	[CLS] no gps signal . [SEP]
				[CLS] unable
Normal	HardwareFault (0.98)	Normal	-0.86	to hover . [SEP]
				[CLS] fly with
Normal	Normal (1.00)	Normal	1.83	caution [SEP]
				[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.34	avoidance disabled . [SEP]
				[CLS] landing
Normal	Normal (1.00)	Normal	1.40	gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.34	avoidance disabled . [SEP]
				[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.34	avoidance disabled . [SEP]
				[CLS] landing
Normal	Normal (1.00)	Normal	1.40	gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (1.00)	Normal	1.60	avoidance has been disabled . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.31	precision

				landing [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.48	quickshot has ended [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.34	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	2.35	rectifying aircraft position [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.97)	SurroundingEnvironment	1.96	remote controller in high interference environment . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.98	manually adjust flight route or return to home [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.12	return - to - home altitude : 65ft [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.14	return - to - home altitude : 98ft . [SEP]
				[CLS]
Normal	Normal (0.99)	Normal	1.00	rth : ascending to rth altitude . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.19	rth : heading alignment . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.06	rth altitude : 65ft . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.04	rth altitude : 98ft . [SEP]
				[CLS]
CommunicationIssue	CommunicationIssue (0.87)	CommunicationIssue	1.50	[CLS] signal

				lost. [SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	1.73	returning to
				home point
				[SEP]
				[CLS] sprayer
Normal	Normal (1.00)	Normal	1.80	turned on
				[SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.77	wind warning
				. [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	0.50	return to
				home
				automatically
				. [SEP]
				[CLS] lower
				altitude
				immediately
Normal	Normal (1.00)	Normal	1.70	and return to
				home
				manually
				[SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.18	switched to s
				(sport) -
				mode . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	0.97	switched to t
				(tripod) -
				mode . [SEP]
				[CLS] take off
Normal	Normal (1.00)	Normal	1.90	in p - mode
				[SEP]
				[CLS] vision
SoftwareFault	HardwareFault (0.93)	SoftwareFault	0.06	sensor error .
				[SEP]
				[CLS] contact
Normal	Normal (1.00)	Normal	1.42	dji support
				for assistance
				[SEP]
				[CLS] vision
				systems and
				obstacle
Normal	Normal (1.00)	Normal	1.69	avoidance
				disabled
				[SEP]

Normal	Normal (1.00)	Normal	1.54	[CLS] waypoint mission paused [SEP]
				[CLS] weak gps signal . [SEP]
				[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	0.94	[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust antennas [SEP]
Normal	Normal (0.99)	Normal	0.59	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
				[CLS] please fly with caution [SEP]
Normal	Normal (1.00)	Normal	1.58	
CommunicationIssue	CommunicationIssue (0.90)	CommunicationIssue	1.55	
Normal	Normal (1.00)	Normal	1.67	
RegulationViolation	RegulationViolation (0.77)	RegulationViolation	2.41	
Normal	Normal (1.00)	Normal	2.05	