

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.92)	Normal	0.53	[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 (0.85)	ParamViolation	2.01	[CLS] check and log in [SEP]
Normal	Normal (0.92)	Normal	1.12	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.92)	Normal	0.73	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.92)	Normal	0.84	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.92)	Normal	0.11	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.92)	Normal	0.84	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.92)	Normal	0.05	[CLS] aircraft

Normal	Normal (0.92)	Normal	0.03	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.87)	HardwareFault	2.39	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.92)	Normal	0.81	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.37)	Normal	-1.88	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.92)	Normal	0.91	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.73)	RegulationViolation	1.74	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.92)	Normal	0.28	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.92)	Normal	0.26	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.92)	Normal	1.03	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.92)	Normal	0.80	[CLS] exit
				this mode and
				try again
Normal	Normal (0.92)	Normal	1.73	

Normal	Normal (0.92)	Normal	1.15	[SEP]
				[CLS] aircraft
				is returning
ParamViolation	ParamViolation (0.85)	ParamViolation	1.80	to the
				starting point
				[SEP]
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	2.03	[CLS] aircraft
				out of range
				[SEP]
Normal	Normal (0.92)	Normal	0.77	[CLS]
				approaching
				a no - fly zone
Normal	Normal (0.92)	Normal	1.20	. [SEP]
				[CLS] rth may
				be affected .
Normal	Normal (0.92)	Normal	0.82	[SEP]
				[CLS] fly with
				caution [SEP]
Normal	Normal (0.92)	Normal	0.64	[CLS] arrived
				at start point
				. [SEP]
Normal	Normal (0.92)	Normal	1.26	[CLS] starting
				waypoint
				mission [SEP]
Normal	Normal (0.92)	Normal	0.43	[CLS] auto
				landing
				initiated
Normal	Normal (0.92)	Normal	1.98	[SEP]
				[CLS]
				auxiliary
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.81	bottom light
				turned off
				[SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	0.98	[CLS]
				backward
				obstacle
HardwareFault	HardwareFault (0.87)	HardwareFault	1.81	sensing is not
				functioning .
				[SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.81	[CLS] battery
				cell broken ,
				please
HardwareFault	HardwareFault (0.87)	HardwareFault	0.98	replace the
				battery [SEP]
				[CLS] battery
HardwareFault	HardwareFault (0.87)	HardwareFault	0.98	error . [SEP]
				[CLS] aircraft
				returning to

Normal	Normal (0.92)	Normal	1.53	home automatically [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	2.03	[CLS] battery power low . [SEP]
Normal	Normal (0.92)	Normal	1.41	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.74	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.86)	SoftwareFault	0.88	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.92)	Normal	0.03	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	1.75	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.00	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.64	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.04	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.18	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.55)	ParamViolation	-0.36	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.03	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.92)	Normal	1.21	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.12	[CLS] cannot track subject [SEP]
SurroundingEnvironment	HardwareFault (0.76)	HardwareFault	1.40	[CLS] no image [SEP]
Normal	Normal (0.92)	Normal	0.94	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.12	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.91)	SoftwareFault	-0.31	[CLS] subject too large [SEP]
Normal	Normal (0.92)	Normal	0.96	[CLS] move away and retry [SEP]
Normal	Normal (0.92)	Normal	1.09	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.92)	Normal	0.91	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.27	[CLS] compass abnormal . [SEP]
Normal	Normal (0.92)	Normal	0.03	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.92)	Normal	0.03	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.92)	Normal	0.27	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.92)	Normal	0.91	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	0.90	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	0.99	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.03	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.03	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.53	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.03	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.41	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.92)	Normal	1.07	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.87)	HardwareFault	0.04	[CLS]
				compass
				initialization
Normal	Normal (0.91)	Normal	0.73	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.80	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.92)	Normal	1.26	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.92)	Normal	1.26	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.87)	HardwareFault	1.80	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.92)	Normal	0.96	low battery .
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.87)	HardwareFault	1.80	landing
				automatically
				[SEP]
Normal	Normal (0.92)	Normal	1.25	[CLS] critical
				low battery .
				[SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.82	[CLS] return
				to home or
				land promptly
Normal	Normal (0.92)	Normal	0.93	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.87)	HardwareFault	1.82	power . [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.92)	Normal	0.63	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.87)	HardwareFault	1.82	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.92)	Normal	0.63	[SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.92)	Normal	0.63	[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.92)	Normal	0.25	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.74	critically low voltage warning . [SEP] [CLS] aircraft
Normal	Normal (0.92)	Normal	0.40	will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.88	critically low voltage . [SEP] [CLS] aircraft
Normal	Normal (0.92)	Normal	0.99	will land [SEP] [CLS] data
Normal	Normal (0.92)	Normal	0.72	recorder file index is 15 . [SEP] [CLS] data
Normal	Normal (0.92)	Normal	0.89	recorder file index is 17 . [SEP] [CLS] data
Normal	Normal (0.92)	Normal	0.81	recorder file index is 30 . [SEP] [CLS] data
Normal	Normal (0.92)	Normal	0.66	recorder file index is 45 . [SEP] [CLS] data
Normal	Normal (0.92)	Normal	0.66	recorder file index is 46 . [SEP] [CLS] data
Normal	Normal (0.92)	Normal	0.83	recorder file index is 65 . [SEP] [CLS] disable
Normal	Normal (0.92)	Normal	0.66	sd card read and write



				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.86)	CommunicationIssue	1.73	[CLS] downlink lost [SEP]
Normal	Normal (0.92)	Normal	0.19	[CLS] downlink restored (after 0m 2 9s) [SEP]
Normal	HardwareFault (0.87)	HardwareFault	-1.50	[CLS] drone is vibrating [SEP]
Normal	Normal (0.92)	Normal	1.17	[CLS] entered cruise control mode [SEP]
Normal	Normal (0.92)	Normal	0.72	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.78)	ParamViolation	2.04	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.87)	SoftwareFault	1.33	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.92)	Normal	0.48	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.73	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.92)	Normal	0.79	[CLS] exited visual avoidance system [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	0.92	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.85)	ParamViolation	1.76	[CLS] extra payload detected . [SEP]
Normal	Normal (0.92)	Normal	0.70	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.92)	Normal	1.20	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.58	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.59	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	2.04	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.92)	Normal	0.82	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.82	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.88)	Normal	-1.67	[CLS] ground plain . [SEP]
Normal	Normal (0.92)	Normal	0.67	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.79)	ParamViolation	1.67	[CLS] high altitude . [SEP]
Normal	HardwareFault (0.50)	HardwareFault	-2.10	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.92)	Normal	1.20	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.59	[CLS] high wind velocity . [SEP]
Normal	Normal (0.92)	Normal	0.28	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.59	[CLS] high wind velocity . [SEP]
Normal	Normal (0.92)	Normal	0.28	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.59	[CLS] high wind velocity . [SEP]
Normal	Normal (0.92)	Normal	0.92	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.82)	ParamViolation	-2.14	[CLS] high - altitude flight [SEP]
Normal	Normal (0.92)	Normal	1.20	[CLS] fly with caution [SEP]
Normal	ParamViolation (0.73)	ParamViolation	-1.91	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.52)	ParamViolation	-1.89	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.92)	Normal	0.74	[CLS] home

ParamViolation	ParamViolation (0.73)	ParamViolation	1.42	point updated
				. [SEP]
				[CLS] imu
Normal	Normal (0.92)	Normal	0.89	attitude
				restricted .
				[SEP]
SoftwareFault	Normal (0.92)	Normal	-0.51	[CLS] ensure
				aircraft is
				level [SEP]
Normal	Normal (0.92)	Normal	0.93	[CLS] imu not
				calibrated .
				[SEP]
Normal	Normal (0.92)	Normal	-0.92	[CLS]
				calibrate imu
				[SEP]
Normal	Normal (0.90)	Normal	1.09	[CLS] landing
				canceled .
				[SEP]
Normal	Normal (0.92)	Normal	0.67	[CLS] landing
				gear function
				restored
Normal	Normal (0.92)	Normal	1.03	[SEP]
				[CLS] landing
				gear raising .
Normal	Normal (0.92)	Normal	1.00	[SEP]
				[CLS] home
				point
Normal	Normal (0.60)	Normal	-1.84	recorded
				[SEP]
				[CLS] live
Normal	Normal (0.92)	Normal	1.20	stream video
				frame rate
				less than 9hz
HardwareFault	HardwareFault (0.87)	HardwareFault	1.87	. [SEP]
				[CLS] fly with
				caution [SEP]
Normal	Normal (0.92)	Normal	0.99	[CLS] low
				power . [SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.87)	HardwareFault	1.87	is returning
				to the home
				point . [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.87	[CLS] low
				power . [SEP]

Normal	Normal (0.92)	Normal	0.84	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.41	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.92)	Normal	0.88	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.97	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.83)	SurroundingEnvironment	1.32	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.92)	Normal	1.20	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.83)	ParamViolation	1.40	[CLS] max altitude approached . [SEP]
Normal	Normal (0.92)	Normal	0.05	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	1.87	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	1.87	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.92)	Normal	0.93	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.85)	ParamViolation	1.97	flight distance reached . [SEP] [CLS] adjust the distance in mc settings if required . [SEP] [CLS] mobile device cpu fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.92)	Normal	0.80	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] [CLS] motor
HardwareFault	HardwareFault (0.85)	HardwareFault	2.13	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.92)	Normal	0.80	
SoftwareFault	Normal (0.92)	Normal	-0.20	
Normal	Normal (0.92)	Normal	0.27	
HardwareFault	HardwareFault (0.87)	HardwareFault	1.66	
Normal	Normal (0.92)	Normal	0.91	

				assistance [SEP]
Normal	HardwareFault (0.86)	HardwareFault	-1.84	[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.76	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.87)	HardwareFault	-1.06	[CLS] aircraft unable to hover . [SEP]
Normal	Normal (0.92)	Normal	1.20	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.76	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.87)	HardwareFault	-1.32	[CLS] unable to hover . [SEP]
Normal	Normal (0.92)	Normal	1.20	[CLS] fly with caution [SEP]
Normal	Normal (0.92)	Normal	0.47	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.92)	Normal	0.81	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.92)	Normal	0.47	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.92)	Normal	0.47	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.92)	Normal	0.81	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.92)	Normal	0.51	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.91)	Normal	1.61	[CLS] precision

				landing [SEP]
Normal	Normal (0.92)	Normal	1.06	[CLS] quickshot has ended [SEP]
Normal	Normal (0.92)	Normal	1.16	[CLS] recenter gimbal pan [SEP]
Normal	Normal (0.92)	Normal	0.63	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.61	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.92)	Normal	1.60	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (0.92)	Normal	0.55	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.92)	Normal	0.25	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.92)	Normal	0.98	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.92)	Normal	1.27	[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.92)	Normal	0.76	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.92)	Normal	0.56	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.86)	CommunicationIssue	1.24	[CLS] signal



Normal	Normal (0.92)	Normal	1.29	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.92)	Normal	1.38	[CLS] sprayer
				turned on [SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.41	wind warning . [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.17	return to home automatically . [SEP]
				[CLS] lower
				altitude
Normal	Normal (0.92)	Normal	1.46	immediately
				and return to home
				manually [SEP]
Normal	Normal (0.92)	Normal	0.81	[CLS]
				switched to s ( sport ) - mode . [SEP]
				[CLS]
Normal	Normal (0.92)	Normal	0.31	switched to t ( tripod ) - mode . [SEP]
				[CLS]
				take off
Normal	Normal (0.92)	Normal	1.38	in p - mode [SEP]
				[CLS] vision
				sensor error . [SEP]
SoftwareFault	HardwareFault (0.87)	HardwareFault	0.06	[CLS] contact
				dji support for assistance [SEP]
				[CLS] vision
Normal	Normal (0.92)	Normal	0.96	systems and
				obstacle
				avoidance disabled [SEP]
Normal	Normal (0.92)	Normal	0.43	

Normal	Normal (0.92)	Normal	0.75	[CLS] waypoint mission paused [SEP]
				[CLS] weak gps signal . [SEP]
				[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
				[CLS] fly with caution . [SEP]
SoftwareFault	SoftwareFault (0.91)	SoftwareFault	1.67	[CLS] weak signal . [SEP]
Normal	Normal (0.92)	Normal	0.68	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
				[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust antennas [SEP]
CommunicationIssue	CommunicationIssue (0.87)	CommunicationIssue	1.24	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.91)	Normal	0.93	[CLS] please fly with caution [SEP]
RegulationViolation	RegulationViolation (0.73)	RegulationViolation	2.05	
Normal	Normal (0.92)	Normal	1.25	