

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.43)	Normal	0.64	[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 (0.86)	ParamViolation	2.24	[CLS] check and log in [SEP]
Normal	Normal (0.42)	Normal	0.88	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.43)	Normal	0.22	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.43)	Normal	0.16	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.43)	Normal	0.09	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.43)	Normal	0.16	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.44)	Normal	0.03	[CLS] aircraft

Normal	Normal (0.44)	Normal	0.01	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.76)	HardwareFault	2.50	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.43)	Normal	0.14	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.27)	Normal	-1.93	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.42)	Normal	0.97	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.78)	RegulationViolation	1.83	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.43)	Normal	0.27	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.44)	Normal	0.19	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.43)	Normal	0.39	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.43)	Normal	0.24	[CLS] exit
				this mode and
				try again
				2.27
				Normal (0.43)

				[SEP]
Normal	Normal (0.43)	Normal	1.24	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	1.82	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.75)	RegulationViolation	2.27	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.43)	Normal	0.69	[CLS] rth may be affected . [SEP]
Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
Normal	Normal (0.43)	Normal	0.61	[CLS] arrived at start point . [SEP]
Normal	Normal (0.42)	Normal	0.40	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.42)	Normal	1.16	[CLS] auto landing initiated [SEP]
Normal	Normal (0.43)	Normal	0.70	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.72	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.95	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.76)	HardwareFault	1.38	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.43)	Normal	0.49	home automatically [SEP]
HardwareFault	HardwareFault (0.76)	HardwareFault	1.73	[CLS] battery power low . [SEP]
Normal	Normal (0.44)	Normal	1.93	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.36	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.74)	SoftwareFault	-1.10	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.43)	Normal	0.00	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.67)	HardwareFault	1.96	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.04	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.58	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.42	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.22	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.62)	ParamViolation	-0.57	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.07	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.44)	Normal	0.85	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.72)	SoftwareFault	1.07	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.70)	SoftwareFault	-1.02	[CLS] no image [SEP]
Normal	Normal (0.42)	Normal	0.86	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.72)	SoftwareFault	1.07	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.72)	SoftwareFault	-0.83	[CLS] subject too large [SEP]
Normal	Normal (0.43)	Normal	0.82	[CLS] move away and retry [SEP]
Normal	Normal (0.43)	Normal	0.69	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.44)	Normal	0.60	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.50	[CLS] compass abnormal . [SEP]
Normal	Normal (0.44)	Normal	0.01	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.43)	Normal	0.01	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.43)	Normal	0.14	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.43)	Normal	0.31	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.27	[CLS] compass error [SEP]
HardwareFault	SoftwareFault (0.63)	SoftwareFault	1.23	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.38	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.38	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.48	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	1.38	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.45	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.43)	Normal	0.70	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.54)	HardwareFault	0.30	[CLS]
				compass
				initialization
Normal	Normal (0.41)	Normal	0.38	failed. [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.76)	HardwareFault	1.84	[CLS] critical
				low battery.
				[SEP]
Normal	Normal (0.43)	Normal	1.37	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.42)	Normal	1.37	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.76)	HardwareFault	1.84	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.42)	Normal	0.32	low battery.
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.76)	HardwareFault	1.84	landing
				automatically
				[SEP]
Normal	Normal (0.43)	Normal	0.45	[CLS] critical
				low battery.
				[SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	2.04	[CLS] return
				to home or
				land promptly
Normal	Normal (0.42)	Normal	0.33	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.75)	HardwareFault	2.04	power. [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.42)	Normal	0.39	[SEP]
				[CLS]
				critically low
Normal	Normal (0.42)	Normal	0.39	power. [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.42)	Normal	0.39	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.44)	Normal	0.15	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.76)	HardwareFault	1.99	critically low voltage warning . [SEP]
Normal	Normal (0.43)	Normal	0.14	[CLS] aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.75)	HardwareFault	2.10	critically low voltage . [SEP]
Normal	Normal (0.42)	Normal	0.32	[CLS] aircraft will land [SEP]
Normal	Normal (0.43)	Normal	0.27	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.43)	Normal	0.38	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.43)	Normal	0.35	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.43)	Normal	0.28	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.43)	Normal	0.33	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.43)	Normal	0.31	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.44)	Normal	0.84	[CLS] disable sd card read and write



				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.83)	CommunicationIssue	1.66	[CLS] downlink lost [SEP]
Normal	Normal (0.44)	Normal	0.10	[CLS] downlink restored (after 0m 2 9s ) [SEP]
Normal	HardwareFault (0.71)	HardwareFault	-1.59	[CLS] drone is vibrating [SEP]
Normal	Normal (0.43)	Normal	0.86	[CLS] entered cruise control mode [SEP]
Normal	Normal (0.43)	Normal	0.63	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.84)	ParamViolation	2.01	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.71)	SoftwareFault	1.55	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.42)	Normal	0.82	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.53	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.43)	Normal	0.72	[CLS] exited visual avoidance system [SEP]
SoftwareFault	SoftwareFault (0.73)	SoftwareFault	1.21	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.85)	ParamViolation	1.66	[CLS] extra payload detected . [SEP]
Normal	Normal (0.43)	Normal	0.69	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.49	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.73)	SoftwareFault	1.56	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.76)	HardwareFault	2.09	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.43)	Normal	1.24	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.73)	HardwareFault	2.00	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.41)	Normal	0.09	[CLS] ground plain . [SEP]
Normal	Normal (0.42)	Normal	0.38	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.84)	ParamViolation	1.70	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.83)	ParamViolation	-2.25	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.53	[CLS] high wind velocity . [SEP]
Normal	Normal (0.44)	Normal	0.11	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.53	[CLS] high wind velocity . [SEP]
Normal	Normal (0.44)	Normal	0.11	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.53	[CLS] high wind velocity . [SEP]
Normal	Normal (0.44)	Normal	0.61	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.84)	ParamViolation	-2.23	[CLS] high - altitude flight [SEP]
Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
Normal	ParamViolation (0.83)	ParamViolation	-1.99	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.83)	ParamViolation	-2.01	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.42)	Normal	0.60	[CLS] home

ParamViolation	ParamViolation (0.52)	ParamViolation	1.20	point updated
				. [SEP]
				[CLS] imu
Normal	Normal (0.42)	Normal	0.47	attitude
				restricted .
				[SEP]
SoftwareFault	Normal (0.43)	Normal	-0.50	[CLS] ensure
				aircraft is
				level [SEP]
Normal	Normal (0.43)	Normal	0.89	[CLS] imu not
				calibrated .
				[SEP]
Normal	Normal (0.41)	Normal	-0.29	[CLS]
				calibrate imu
				[SEP]
Normal	Normal (0.42)	Normal	1.28	[CLS] landing
				canceled .
				[SEP]
Normal	Normal (0.42)	Normal	0.51	[CLS] landing
				gear function
				restored
Normal	Normal (0.42)	Normal	0.50	[SEP]
				[CLS] landing
				gear raising .
Normal	Normal (0.42)	Normal	1.12	[SEP]
				[CLS] home
				point
Normal	Normal (0.43)	Normal	-1.39	recorded
				[SEP]
				[CLS] live
HardwareFault	HardwareFault (0.76)	HardwareFault	1.77	stream video
				frame rate
				less than 9hz
Normal	Normal (0.42)	Normal	0.90	. [SEP]
				[CLS] fly with
				caution [SEP]
Normal	Normal (0.43)	Normal	0.47	[CLS] low
				power . [SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.76)	HardwareFault	1.77	is returning
				to the home
				point . [SEP]
HardwareFault	HardwareFault (0.76)	HardwareFault	1.77	[CLS] low
				power . [SEP]

Normal	Normal (0.42)	Normal	0.43	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.45	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.43)	Normal	0.37	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.75)	HardwareFault	2.04	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.80)	SurroundingEnvironment	1.32	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.84)	ParamViolation	1.43	[CLS] max altitude approached . [SEP]
Normal	Normal (0.44)	Normal	0.05	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	2.02	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.43)	Normal	1.47	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.86)	ParamViolation	2.02	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.43)	Normal	1.18	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.86)	ParamViolation	2.14	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 (0.43)	Normal	0.61	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 (0.72)	HardwareFault	2.12	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.43)	Normal	0.80	
SoftwareFault	Normal (0.44)	Normal	-0.05	
Normal	Normal (0.42)	Normal	0.19	
HardwareFault	HardwareFault (0.75)	HardwareFault	1.76	
Normal	Normal (0.44)	Normal	0.93	

				assistance [SEP]
Normal	HardwareFault (0.72)	HardwareFault	-2.01	[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (0.73)	SoftwareFault	1.61	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.75)	HardwareFault	-1.12	[CLS] aircraft unable to hover . [SEP]
Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.73)	SoftwareFault	1.61	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.75)	HardwareFault	-1.24	[CLS] unable to hover . [SEP]
Normal	Normal (0.42)	Normal	0.90	[CLS] fly with caution [SEP]
Normal	Normal (0.42)	Normal	0.43	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.42)	Normal	0.63	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.42)	Normal	0.43	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.42)	Normal	0.43	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.42)	Normal	0.63	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.43)	Normal	0.31	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.41)	Normal	0.65	[CLS] precision

				landing [SEP]
Normal	Normal (0.42)	Normal	0.88	[CLS] quickshot has ended [SEP]
Normal	Normal (0.43)	Normal	0.72	[CLS] recenter gimbal pan [SEP]
Normal	Normal (0.43)	Normal	0.18	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.55	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.43)	Normal	0.93	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (0.43)	Normal	0.53	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.44)	Normal	0.25	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.43)	Normal	0.57	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.43)	Normal	0.74	[CLS] rth : heading alignment ! [SEP]
Normal	Normal (0.43)	Normal	0.40	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.43)	Normal	0.36	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.82)	CommunicationIssue	1.62	[CLS] signal



Normal	Normal (0.43)	Normal	0.92	lost . [SEP]
				[CLS] aircraft returning to home point [SEP]
Normal	Normal (0.42)	Normal	1.37	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.84)	SurroundingEnvironment	1.40	[CLS] strong wind warning . [SEP]
SoftwareFault	SoftwareFault (0.74)	SoftwareFault	1.24	[CLS] aircraft unable to return to home automatically . [SEP]
				[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (0.43)	Normal	0.68	[CLS] switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.43)	Normal	0.60	[CLS] switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.43)	Normal	0.17	[CLS] take off in p - mode [SEP]
SoftwareFault	SoftwareFault (0.70)	SoftwareFault	1.12	[CLS] vision sensor error . [SEP]
Normal	Normal (0.43)	Normal	1.07	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.43)	Normal	0.48	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.42)	Normal	0.64	[CLS]
				waypoint
				mission
				paused [SEP]
SoftwareFault	SoftwareFault (0.73)	SoftwareFault	1.71	[CLS] weak
				gps signal .
				[SEP]
				[CLS] aircraft
Normal	Normal (0.44)	Normal	0.76	is in attitude
				mode and
				hovering may
				be unstable .
Normal	Normal (0.42)	Normal	0.42	[SEP]
				[CLS] fly with
				caution .
				[SEP]
CommunicationIssue	CommunicationIssue (0.83)	CommunicationIssue	1.51	[CLS] weak
				signal . [SEP]
				[CLS] adjust
				antennas
Normal	Normal (0.41)	Normal	1.01	[SEP]
				[CLS] your
				aircraft is
				flying in an
RegulationViolation	RegulationViolation (0.79)	RegulationViolation	2.66	altitude zone
				( nnn ) . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.42)	Normal	0.63	caution [SEP]