

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.23)	Normal	0.41	[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 (0.41)	ParamViolation	2.01	[CLS] check and log in [SEP]
Normal	Normal (0.23)	Normal	-1.93	[CLS]
				activetrack flight paused [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.23)	Normal	-0.75	[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
				[CLS] aircraft
				[CLS] aircraft

Normal	Normal (0.23)	Normal	0.00	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.36)	HardwareFault	2.35	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.23)	Normal	-1.27	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.20)	Normal	-1.89	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.22)	Normal	-1.65	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.31)	RegulationViolation	1.79	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.23)	Normal	-1.68	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.23)	Normal	-0.68	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.23)	Normal	-1.95	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.23)	Normal	-1.85	[CLS] exit
				this mode and
				try again
Normal	Normal (0.23)	Normal	-1.52	

				[SEP]
Normal	Normal (0.23)	Normal	-1.73	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.41)	ParamViolation	1.84	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.27)	RegulationViolation	1.93	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.23)	Normal	-2.03	[CLS] rth may be affected . [SEP]
Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
Normal	Normal (0.23)	Normal	-2.34	[CLS] arrived at start point . [SEP]
Normal	Normal (0.22)	Normal	-0.62	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.22)	Normal	-1.58	[CLS] auto landing initiated [SEP]
Normal	Normal (0.22)	Normal	-1.89	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.96	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.68	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	0.95	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.23)	Normal	-2.27	home automatically [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.98	[CLS] battery power low . [SEP]
Normal	Normal (0.23)	Normal	-1.48	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.95	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.44)	SoftwareFault	-0.30	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.23)	Normal	-0.13	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.33)	HardwareFault	1.63	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	0.95	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.63	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.26	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.10	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.29)	ParamViolation	-0.20	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.44)	SoftwareFault	0.94	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.23)	Normal	-2.28	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.42)	SoftwareFault	1.07	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.40)	SoftwareFault	-1.12	[CLS] no image [SEP]
Normal	Normal (0.22)	Normal	-1.29	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.42)	SoftwareFault	1.07	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.42)	SoftwareFault	0.46	[CLS] subject too large [SEP]
Normal	Normal (0.23)	Normal	-1.22	[CLS] move away and retry [SEP]
Normal	Normal (0.23)	Normal	-1.72	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.23)	Normal	-1.81	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	0.93	[CLS] compass abnormal . [SEP]
Normal	Normal (0.23)	Normal	-0.03	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.23)	Normal	-0.76	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.23)	Normal	-2.43	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.23)	Normal	-2.13	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	0.94	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.29)	HardwareFault	0.91	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.01	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.01	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.55	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.01	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.44	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.23)	Normal	-1.84	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.34)	HardwareFault	-0.33	[CLS]
				compass
				initialization
Normal	Normal (0.22)	Normal	-0.01	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.37)	HardwareFault	1.63	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.23)	Normal	-1.67	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.22)	Normal	-1.95	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.37)	HardwareFault	1.63	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.22)	Normal	-0.59	low battery .
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.37)	HardwareFault	1.63	landing
				automatically
				[SEP]
Normal	Normal (0.23)	Normal	-1.79	[CLS] critical
				low battery .
				[SEP]
HardwareFault	HardwareFault (0.37)	HardwareFault	1.61	[CLS] return
				to home or
				land promptly
Normal	Normal (0.22)	Normal	-0.36	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.37)	HardwareFault	1.61	power . [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.22)	Normal	-0.57	[SEP]
				[CLS]
				critically low
Normal	Normal (0.22)	Normal	-0.57	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.22)	Normal	-0.57	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.23)	Normal	-0.35	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.37)	HardwareFault	1.69	critically low voltage warning . [SEP]
Normal	Normal (0.23)	Normal	-0.55	[CLS] aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.74	critically low voltage . [SEP]
Normal	Normal (0.22)	Normal	-0.32	[CLS] aircraft will land [SEP]
Normal	Normal (0.23)	Normal	-1.11	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.23)	Normal	-1.22	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.23)	Normal	-1.34	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.23)	Normal	-1.26	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.23)	Normal	-1.25	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.23)	Normal	-1.36	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.23)	Normal	-1.40	[CLS] disable sd card read and write



				protection or change card [SEP]
				[CLS]
CommunicationIssue	CommunicationIssue (0.37)	CommunicationIssue	1.79	downlink lost [SEP]
				[CLS]
Normal	Normal (0.23)	Normal	-0.97	downlink restored ( after 0m 2 . 9s ) . [SEP]
				[CLS] drone
Normal	HardwareFault (0.35)	HardwareFault	-1.43	is vibrating [SEP]
				[CLS] entered
Normal	Normal (0.23)	Normal	-1.68	cruise control mode . [SEP]
				[CLS] press
Normal	Normal (0.23)	Normal	-1.09	c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.39)	ParamViolation	1.89	excessive attitude angle detected [SEP]
				[CLS] forward obstacle
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.48	avoidance has stopped working [SEP]
				[CLS] exit
Normal	Normal (0.22)	Normal	-1.90	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.81	ambient light is too weak [SEP]
				[CLS] exited
Normal	Normal (0.23)	Normal	-1.60	visual avoidance system . [SEP]
				[CLS] exiting
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.07	gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.41)	ParamViolation	1.62	[CLS] extra payload detected . [SEP]
Normal	Normal (0.23)	Normal	-1.83	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.48	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.53	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.80	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.23)	Normal	-1.30	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.91	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.21)	Normal	-1.84	[CLS] ground plain . [SEP]
Normal	Normal (0.22)	Normal	-0.58	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.38)	ParamViolation	1.72	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.35)	ParamViolation	-2.11	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.58	[CLS] high wind velocity . [SEP]
Normal	Normal (0.23)	Normal	-0.63	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.58	[CLS] high wind velocity . [SEP]
Normal	Normal (0.23)	Normal	-0.63	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.58	[CLS] high wind velocity . [SEP]
Normal	Normal (0.23)	Normal	-1.84	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.37)	ParamViolation	-2.10	[CLS] high - altitude flight [SEP]
Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
Normal	ParamViolation (0.38)	ParamViolation	-1.90	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.40)	ParamViolation	-1.86	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.23)	Normal	-1.27	[CLS] home

ParamViolation	ParamViolation (0.27)	ParamViolation	1.48	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure aircraft is level [SEP]
Normal	Normal (0.23)	Normal	-0.82	[CLS] imu not calibrated . [SEP]
SoftwareFault	Normal (0.23)	Normal	-0.65	[CLS] calibrate imu [SEP]
Normal	Normal (0.23)	Normal	-1.21	[CLS] landing canceled . [SEP]
Normal	Normal (0.21)	Normal	-0.78	[CLS] landing gear function restored [SEP]
Normal	Normal (0.23)	Normal	-1.54	[CLS] landing gear paused . [SEP]
Normal	Normal (0.23)	Normal	-1.29	[CLS] landing gear raising . [SEP]
Normal	Normal (0.23)	Normal	-0.64	[CLS] home point recorded [SEP]
Normal	Normal (0.22)	Normal	-1.28	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (0.19)	Normal	-1.60	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.69	[CLS] low power . [SEP]
Normal	Normal (0.23)	Normal	-1.90	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.69	[CLS] low power . [SEP]

Normal	Normal (0.22)	Normal	-0.69	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.44	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.23)	Normal	-1.76	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.56	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.26)	SurroundingEnvironment	1.56	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.39)	ParamViolation	1.34	[CLS] max altitude approached . [SEP]
Normal	Normal (0.23)	Normal	-0.23	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.42)	ParamViolation	1.97	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.23)	Normal	-1.14	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.42)	ParamViolation	1.92	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.23)	Normal	-1.06	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.42)	ParamViolation	2.04	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.23)	Normal	-1.18	in mc settings if required . [SEP] [CLS] mobile
HardwareFault	HardwareFault (0.36)	HardwareFault	2.05	device cpu fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.23)	Normal	-2.06	will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission
SoftwareFault	Normal (0.22)	Normal	-0.06	and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
Normal	Normal (0.23)	Normal	-0.10	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for

				assistance [SEP]
Normal	HardwareFault (0.35)	HardwareFault	-1.91	[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.80	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.36)	HardwareFault	-1.40	[CLS] aircraft unable to hover . [SEP]
Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.80	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.36)	HardwareFault	-1.48	[CLS] unable to hover . [SEP]
Normal	Normal (0.22)	Normal	-1.11	[CLS] fly with caution [SEP]
Normal	Normal (0.23)	Normal	-0.32	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.23)	Normal	-0.91	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.23)	Normal	-0.32	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.23)	Normal	-0.32	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.23)	Normal	-0.91	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.23)	Normal	-1.09	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.22)	Normal	-0.09	[CLS] precision

				landing [SEP]
				[CLS]
Normal	Normal (0.23)	Normal	-1.26	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.23)	Normal	-1.20	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (0.23)	Normal	-0.33	rectifying aircraft position [SEP]
				[CLS] remote controller in high interference environment . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.67	
				[CLS]
Normal	Normal (0.23)	Normal	-1.93	manually adjust flight route or return to home [SEP]
				[CLS] return -
Normal	Normal (0.23)	Normal	-1.47	to - home altitude : 65ft [SEP]
				[CLS] return -
Normal	Normal (0.23)	Normal	-2.11	to - home altitude : 98ft . [SEP]
				[CLS] rth :
Normal	Normal (0.23)	Normal	-1.67	ascending to rth altitude . [SEP]
				[CLS] rth :
Normal	Normal (0.23)	Normal	-1.73	heading alignment . [SEP]
				[CLS] rth
Normal	Normal (0.23)	Normal	-1.74	altitude : 65ft . [SEP]
				[CLS] rth
Normal	Normal (0.23)	Normal	-1.53	altitude : 98ft . [SEP]
				[CLS] signal
CommunicationIssue	CommunicationIssue (0.36)	CommunicationIssue	1.36	



				lost . [SEP]
				[CLS] aircraft
Normal	Normal (0.23)	Normal	-2.18	returning to home point [SEP]
				[CLS] sprayer
Normal	Normal (0.23)	Normal	-1.48	turned on [SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	1.58	wind warning . [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.19	return to home automatically . [SEP]
				[CLS] lower
				altitude
				immediately
Normal	Normal (0.23)	Normal	-1.87	and return to home manually [SEP]
				[CLS]
Normal	Normal (0.23)	Normal	-1.21	switched to s ( sport ) - mode . [SEP]
				[CLS]
Normal	Normal (0.23)	Normal	-1.78	switched to t ( tripod ) - mode . [SEP]
				[CLS] take off
Normal	Normal (0.23)	Normal	-2.20	in p - mode [SEP]
				[CLS] vision
SoftwareFault	HardwareFault (0.32)	HardwareFault	-0.23	sensor error . [SEP]
				[CLS] contact
Normal	Normal (0.23)	Normal	-1.37	dji support for assistance [SEP]
				[CLS] vision
				systems and
				obstacle
Normal	Normal (0.23)	Normal	-1.30	avoidance disabled [SEP]

Normal	Normal (0.22)	Normal	-1.34	[CLS]
				waypoint
				mission paused [SEP]
SoftwareFault	SoftwareFault (0.43)	SoftwareFault	1.72	[CLS] weak
				gps signal .
				[SEP]
Normal	Normal (0.23)	Normal	-1.63	[CLS] aircraft
				is in attitude
				mode and hovering may be unstable .
Normal	Normal (0.23)	Normal	-0.76	[SEP]
				[CLS] fly with
				caution .
CommunicationIssue	CommunicationIssue (0.38)	CommunicationIssue	1.44	[CLS] weak
				signal . [SEP]
				[CLS] adjust
Normal	Normal (0.22)	Normal	-0.20	antennas
				[SEP]
				[CLS] your
RegulationViolation	RegulationViolation (0.33)	RegulationViolation	2.42	aircraft is
				flying in an
				altitude zone
Normal	Normal (0.23)	Normal	-1.54	( nnn ) . [SEP]
				[CLS] please
				fly with caution [SEP]