

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.54)	Normal	0.53	[CLS] a passenger aircraft is nearby . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
Normal	Normal (0.53)	Normal	0.82	[CLS] flight altitude and distance restricted to nnn and nnn . [SEP]
Normal	SoftwareFault (0.74)	SoftwareFault	-1.18	[CLS] check and log in [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	2.10	[CLS] activetrack flight paused [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.54)	Normal	0.82	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.54)	Normal	0.48	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.55)	Normal	0.35	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.54)	Normal	0.09	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.55)	Normal	0.35	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.55)	Normal	0.09	[CLS] aircraft activetrack available at max speed . [SEP]

Normal	Normal (0.56)	Normal	0.01	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.83)	HardwareFault	2.50	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.55)	Normal	0.21	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.26)	Normal	-1.87	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.54)	Normal	0.66	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.95)	RegulationViolation	1.92	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.55)	Normal	0.39	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.55)	Normal	0.20	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.54)	Normal	0.54	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.55)	Normal	0.29	[CLS] exit
				this mode and
				try again
Normal	Normal (0.55)	Normal	0.81	

				[SEP]
Normal	Normal (0.55)	Normal	0.47	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	1.84	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.94)	RegulationViolation	2.24	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.55)	Normal	0.27	[CLS] rth may be affected . [SEP]
Normal	Normal (0.53)	Normal	0.82	[CLS] fly with caution [SEP]
Normal	Normal (0.54)	Normal	0.44	[CLS] arrived at start point . [SEP]
Normal	Normal (0.54)	Normal	0.45	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.53)	Normal	0.84	[CLS] auto landing initiated [SEP]
Normal	Normal (0.54)	Normal	0.24	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.82	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.72	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	0.90	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.54)	Normal	0.25	home automatically [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	2.05	[CLS] battery power low . [SEP] [CLS] check battery status and charge or warm up battery [SEP]
Normal	Normal (0.55)	Normal	0.91	[CLS] cache space full [SEP] [CLS] calibration subject is too close . [SEP] [CLS] recalibrate
HardwareFault	HardwareFault (0.75)	HardwareFault	1.80	using a subject that is farther away [SEP] [CLS] camera busy , cannot
SurroundingEnvironment	SoftwareFault (0.85)	SoftwareFault	1.20	enter playback [SEP] [CLS] cannot enable
Normal	Normal (0.55)	Normal	0.04	intelligent flight mode [SEP] [CLS] low battery [SEP] [CLS] cannot start return
HardwareFault	HardwareFault (0.82)	HardwareFault	1.54	to home due to weak gps signal [SEP] [CLS] cannot start self - timer . [SEP] [CLS] exposure time is too long [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.01	
HardwareFault	HardwareFault (0.83)	HardwareFault	1.69	
SoftwareFault	SoftwareFault (0.86)	SoftwareFault	1.39	
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.21	
SoftwareFault	ParamViolation (0.54)	ParamViolation	-0.18	

SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.04	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.56)	Normal	0.71	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.10	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.76)	SoftwareFault	0.12	[CLS] no image [SEP]
Normal	Normal (0.53)	Normal	0.54	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.10	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.85)	SoftwareFault	1.61	[CLS] subject too large [SEP]
Normal	Normal (0.54)	Normal	0.63	[CLS] move away and retry [SEP]
Normal	Normal (0.55)	Normal	0.39	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.55)	Normal	0.25	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.65	[CLS] compass abnormal . [SEP]
Normal	Normal (0.56)	Normal	0.01	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.55)	Normal	-0.10	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.55)	Normal	0.08	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.55)	Normal	0.21	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	0.83	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.67)	HardwareFault	0.96	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	0.94	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	0.94	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.59	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	0.94	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.34	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.54)	Normal	0.50	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.82)	HardwareFault	-0.08	[CLS]
				compass
				initialization
Normal	Normal (0.52)	Normal	0.22	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.96	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.55)	Normal	0.62	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.54)	Normal	0.86	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.83)	HardwareFault	1.96	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.53)	Normal	0.39	low battery .
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.83)	HardwareFault	1.96	landing
				automatically
				[SEP]
Normal	Normal (0.55)	Normal	0.57	[CLS] critical
				low battery .
				[SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.96	[CLS] return
				to home or
				land promptly
Normal	Normal (0.53)	Normal	0.53	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.83)	HardwareFault	1.96	power . [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.53)	Normal	0.54	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.83)	HardwareFault	1.96	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.53)	Normal	0.54	[SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.53)	Normal	0.54	[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.56)	Normal	0.24	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.57	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.54)	Normal	0.06	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.79	critically low voltage . [SEP] [CLS]
Normal	Normal (0.53)	Normal	0.69	aircraft will land [SEP] [CLS]
Normal	Normal (0.55)	Normal	0.56	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (0.55)	Normal	0.59	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (0.55)	Normal	0.52	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (0.55)	Normal	0.50	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (0.55)	Normal	0.50	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (0.55)	Normal	0.54	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (0.56)	Normal	0.54	disable sd card read and write



CommunicationIssue	CommunicationIssue (0.95)	CommunicationIssue	1.76	protection or change card [SEP]
				[CLS]
				downlink lost . [SEP]
Normal	Normal (0.55)	Normal	0.10	[CLS]
				downlink restored ( after 0m 2 . 9s ) . [SEP]
				[CLS]
Normal	HardwareFault (0.82)	HardwareFault	-1.61	[CLS] drone is vibrating [SEP]
				[CLS] entered
				cruise control mode . [SEP]
Normal	Normal (0.54)	Normal	0.56	[CLS] press
				c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.88)	ParamViolation	2.07	excessive attitude angle detected [SEP]
				[CLS] forward obstacle
				avoidance has stopped working [SEP]
SoftwareFault	SoftwareFault (0.83)	SoftwareFault	1.13	[CLS] exit
				backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.89)	SurroundingEnvironment	1.91	ambient light is too weak [SEP]
				[CLS] exited
				visual
Normal	Normal (0.54)	Normal	0.51	avoidance system . [SEP]
				[CLS] exiting
				gps mode : unknown error [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.10	

ParamViolation	ParamViolation (0.90)	ParamViolation	1.73	[CLS] extra payload detected . [SEP]
Normal	Normal (0.54)	Normal	0.08	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.53)	Normal	0.82	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.54	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.59	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.81	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.55)	Normal	0.45	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.82)	HardwareFault	1.97	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.49)	Normal	-1.38	[CLS] ground plain . [SEP]
Normal	Normal (0.54)	Normal	0.45	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	1.75	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.79)	ParamViolation	-2.37	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.53)	Normal	0.82	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.66	[CLS] high wind velocity . [SEP]
Normal	Normal (0.56)	Normal	0.28	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.66	[CLS] high wind velocity . [SEP]
Normal	Normal (0.56)	Normal	0.28	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.66	[CLS] high wind velocity . [SEP]
Normal	Normal (0.55)	Normal	0.47	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.88)	ParamViolation	-2.18	[CLS] high - altitude flight [SEP]
Normal	Normal (0.53)	Normal	0.82	[CLS] fly with caution [SEP]
Normal	ParamViolation (0.83)	ParamViolation	-2.05	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.89)	ParamViolation	-1.86	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.54)	Normal	0.44	[CLS] home

ParamViolation	ParamViolation (0.71)	ParamViolation	1.43	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (0.54)	Normal	0.71	aircraft is level [SEP]
SoftwareFault	Normal (0.55)	Normal	-0.72	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.54)	Normal	0.46	calibrate imu [SEP]
Normal	Normal (0.48)	Normal	-1.00	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.54)	Normal	0.88	[CLS] landing gear paused . [SEP]
Normal	Normal (0.54)	Normal	0.53	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.53)	Normal	0.78	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.84	[CLS] low power . [SEP]
Normal	Normal (0.55)	Normal	0.42	[CLS] aircraft is returning to the home point . [SEP]
				[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.84	

Normal	Normal (0.53)	Normal	0.61	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.34	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.55)	Normal	0.35	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.83)	HardwareFault	1.98	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.85)	SurroundingEnvironment	1.65	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.53)	Normal	0.82	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.88)	ParamViolation	1.48	[CLS] max altitude approached . [SEP]
Normal	Normal (0.55)	Normal	0.13	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	1.89	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.55)	Normal	0.79	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	1.95	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.55)	Normal	0.69	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.90)	ParamViolation	2.09	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 (0.55)	Normal	0.54	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 (0.83)	HardwareFault	2.09	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.55)	Normal	0.30	
SoftwareFault	Normal (0.53)	Normal	-0.02	
Normal	Normal (0.54)	Normal	0.16	
HardwareFault	HardwareFault (0.83)	HardwareFault	1.64	
Normal	Normal (0.55)	Normal	0.44	

Normal	HardwareFault (0.81)	HardwareFault	-1.94	assistance [SEP]
				[CLS] motors started .
				[SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.75	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.83)	HardwareFault	-1.11	[CLS] aircraft
				unable to hover . [SEP]
				[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.75	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.82)	HardwareFault	-1.37	[CLS] unable to hover .
				[SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.54)	Normal	0.38	[CLS] obstacle avoidance disabled .
				[SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.54)	Normal	0.38	[CLS] obstacle avoidance disabled .
				[SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.54)	Normal	0.38	[CLS] obstacle avoidance disabled .
				[SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.55)	Normal	0.28	[CLS] obstacle avoidance has been disabled . [SEP]
				[CLS] precision

Normal	Normal (0.54)	Normal	0.66	landing [SEP]
				[CLS]
				quickshot has ended [SEP]
Normal	Normal (0.55)	Normal	0.44	[CLS]
				recenter
				gimbal pan [SEP]
Normal	Normal (0.54)	Normal	0.13	[CLS]
				rectifying
				aircraft
SurroundingEnvironment	SurroundingEnvironment (0.89)	SurroundingEnvironment	1.64	position [SEP]
				[CLS] remote controller in
				high interference environment . [SEP]
Normal	Normal (0.55)	Normal	0.65	[CLS]
				manually
				adjust flight route or return to home [SEP]
Normal	Normal (0.55)	Normal	0.38	[CLS] return -
				to - home
				altitude : 65ft [SEP]
Normal	Normal (0.55)	Normal	0.28	[CLS] return -
				to - home
				altitude : 98ft . [SEP]
Normal	Normal (0.55)	Normal	0.47	[CLS] rth :
				ascending to
				rth altitude . [SEP]
Normal	Normal (0.55)	Normal	0.55	[CLS] rth :
				heading
				alignment . [SEP]
Normal	Normal (0.55)	Normal	0.37	[CLS] rth
				altitude : 65ft
				. [SEP]
Normal	Normal (0.55)	Normal	0.34	[CLS] rth
				altitude : 98ft
				. [SEP]
CommunicationIssue	CommunicationIssue (0.95)	CommunicationIssue	1.43	[CLS] signal



Normal	Normal (0.54)	Normal	0.79	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.54)	Normal	0.88	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.60	[CLS] strong wind warning . [SEP]
SoftwareFault	SoftwareFault (0.85)	SoftwareFault	1.26	[CLS] aircraft unable to return to home automatically . [SEP]
Normal	Normal (0.55)	Normal	0.55	[CLS] lower altitude immediately and return to home manually [SEP]
				[CLS]
				switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.55)	Normal	0.28	[CLS] switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.55)	Normal	0.41	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.79)	HardwareFault	-0.07	[CLS] vision sensor error . [SEP]
Normal	Normal (0.55)	Normal	0.40	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.55)	Normal	0.39	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.54)	Normal	0.39	[CLS] waypoint mission paused [SEP]
				[CLS] weak gps signal . [SEP]
				[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.55)	Normal	0.30	[CLS] fly with caution . [SEP]
Normal	Normal (0.54)	Normal	0.52	[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust antennas [SEP]
CommunicationIssue	CommunicationIssue (0.95)	CommunicationIssue	1.37	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.52)	Normal	0.99	[CLS] please fly with caution [SEP]
RegulationViolation	RegulationViolation (0.95)	RegulationViolation	2.50	
Normal	Normal (0.54)	Normal	0.80	