

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.56)	Normal	0.55	[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 (0.36)	ParamViolation	2.05	[CLS] check and log in [SEP]
Normal	Normal (0.56)	Normal	0.91	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.57)	Normal	0.74	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.58)	Normal	0.94	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.57)	Normal	0.11	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.58)	Normal	0.94	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.58)	Normal	0.13	[CLS] aircraft

Normal	Normal (0.58)	Normal	0.17	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.49)	HardwareFault	2.16	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.57)	Normal	0.61	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.55)	Normal	0.07	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.56)	Normal	0.88	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.30)	RegulationViolation	1.67	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.57)	Normal	0.75	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.58)	Normal	0.30	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.56)	Normal	0.64	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.57)	Normal	0.38	[CLS] exit
				this mode and
				try again
Normal	Normal (0.57)	Normal	1.24	

				[SEP]
Normal	Normal (0.57)	Normal	0.79	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.35)	ParamViolation	1.98	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.23)	RegulationViolation	1.53	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.57)	Normal	0.51	[CLS] rth may be affected . [SEP]
Normal	Normal (0.55)	Normal	1.01	[CLS] fly with caution [SEP]
Normal	Normal (0.56)	Normal	0.52	[CLS] arrived at start point . [SEP]
Normal	Normal (0.56)	Normal	0.82	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.55)	Normal	1.32	[CLS] auto landing initiated [SEP]
Normal	Normal (0.56)	Normal	0.45	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.46)	SoftwareFault	1.92	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.53	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.09	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.56)	Normal	1.36	home automatically [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.22	[CLS] battery power low . [SEP] [CLS] check
Normal	Normal (0.58)	Normal	0.80	battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.29)	Normal	1.27	[CLS] cache space full [SEP] [CLS]
SurroundingEnvironment	SoftwareFault (0.45)	SoftwareFault	-1.19	calibration subject is too close . [SEP] [CLS]
Normal	Normal (0.58)	Normal	0.19	recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.70	[CLS] camera busy , cannot enter playback [SEP] [CLS] cannot
SoftwareFault	SoftwareFault (0.45)	SoftwareFault	0.92	enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.58	[CLS] low battery [SEP] [CLS] cannot
SoftwareFault	SoftwareFault (0.46)	SoftwareFault	1.28	start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.45)	SoftwareFault	1.14	[CLS] cannot start self - timer . [SEP] [CLS]
SoftwareFault	ParamViolation (0.25)	ParamViolation	-0.02	exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.45)	SoftwareFault	0.93	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.59)	Normal	1.09	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.12	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.43)	SoftwareFault	-1.00	[CLS] no image [SEP]
Normal	Normal (0.55)	Normal	0.90	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.12	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.44)	SoftwareFault	-0.73	[CLS] subject too large [SEP]
Normal	Normal (0.57)	Normal	0.75	[CLS] move away and retry [SEP]
Normal	Normal (0.58)	Normal	0.88	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.58)	Normal	0.64	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.14	[CLS] compass abnormal . [SEP]
Normal	Normal (0.58)	Normal	0.15	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.56)	Normal	0.16	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.58)	Normal	0.39	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.58)	Normal	0.58	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	0.97	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.25)	HardwareFault	0.77	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.13	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.13	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.53	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.13	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.32	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.57)	Normal	0.90	[CLS] exit p - gps mode [SEP]

				[CLS]
SoftwareFault	HardwareFault (0.32)	HardwareFault	0.21	compass initialization failed . [SEP]
Normal	Normal (0.54)	Normal	0.89	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.71	[CLS] critical low battery . [SEP]
Normal	Normal (0.57)	Normal	0.77	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (0.56)	Normal	1.22	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.71	[CLS] critical low battery . [SEP]
Normal	Normal (0.55)	Normal	0.98	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.71	[CLS] critical low battery . [SEP]
Normal	Normal (0.57)	Normal	0.77	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.87	[CLS] critically low power . [SEP]
Normal	Normal (0.55)	Normal	0.67	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.87	[CLS] critically low power . [SEP]
Normal	Normal (0.55)	Normal	0.51	[CLS] aircraft landing . [SEP]
Normal	Normal (0.55)	Normal	0.51	[CLS] aircraft landing . [SEP]
				[CLS] throttle up to reduce

Normal	Normal (0.58)	Normal	0.41	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.58	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.57)	Normal	0.31	[CLS] aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.86	[CLS] critically low voltage . [SEP]
Normal	Normal (0.55)	Normal	0.80	[CLS] aircraft will land [SEP]
Normal	Normal (0.57)	Normal	0.55	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.57)	Normal	0.58	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.57)	Normal	0.54	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.57)	Normal	0.54	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.57)	Normal	0.53	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.57)	Normal	0.60	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.58)	Normal	0.67	[CLS] disable sd card read and write

CommunicationIssue	CommunicationIssue (0.31)	CommunicationIssue	1.75	protection or change card [SEP]
				[CLS]
				downlink lost . [SEP]
Normal	Normal (0.58)	Normal	0.37	[CLS]
				downlink restored (after 0m 2 . 9s) . [SEP]
				[CLS]
Normal	HardwareFault (0.47)	HardwareFault	-1.53	drone is vibrating [SEP]
				[CLS]
				entered cruise control mode . [SEP]
Normal	Normal (0.57)	Normal	0.78	[CLS]
				press c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.31)	ParamViolation	1.97	excessive attitude angle detected [SEP]
				[CLS]
				forward obstacle avoidance has stopped working [SEP]
SoftwareFault	SoftwareFault (0.45)	SoftwareFault	1.54	[CLS]
				exit backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.62	ambient light is too weak [SEP]
				[CLS]
				exited visual avoidance system . [SEP]
Normal	Normal (0.57)	Normal	0.60	[CLS]
				avoidance system . [SEP]
				[CLS]
SoftwareFault	SoftwareFault (0.46)	SoftwareFault	1.08	exiting gps mode : unknown error [SEP]
				[CLS]
				[CLS]

ParamViolation	ParamViolation (0.35)	ParamViolation	1.78	[CLS] extra payload detected . [SEP]
Normal	Normal (0.56)	Normal	0.35	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.55)	Normal	1.01	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.46)	SoftwareFault	1.48	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.45)	SoftwareFault	1.54	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.80	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.57)	Normal	0.55	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.80	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.54)	Normal	0.27	[CLS] ground plain . [SEP]
Normal	Normal (0.56)	Normal	0.49	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.32)	ParamViolation	1.72	[CLS] high altitude . [SEP]
Normal	HardwareFault (0.42)	HardwareFault	-2.11	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.55)	Normal	1.01	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.54	[CLS] high wind velocity . [SEP]
Normal	Normal (0.59)	Normal	0.39	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.54	[CLS] high wind velocity . [SEP]
Normal	Normal (0.59)	Normal	0.39	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.54	[CLS] high wind velocity . [SEP]
Normal	Normal (0.58)	Normal	0.76	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.32)	ParamViolation	-2.22	[CLS] high - altitude flight [SEP]
Normal	Normal (0.55)	Normal	1.01	[CLS] fly with caution [SEP]
Normal	Normal (0.35)	Normal	-0.72	[CLS] aircraft braking distance is extended [SEP]
Normal	HardwareFault (0.33)	HardwareFault	-1.66	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.56)	Normal	0.60	[CLS] home

ParamViolation	SoftwareFault (0.34)	SoftwareFault	1.48	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (0.56)	Normal	0.72	aircraft is level [SEP]
SoftwareFault	Normal (0.57)	Normal	-0.37	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.56)	Normal	0.83	calibrate imu [SEP]
Normal	Normal (0.50)	Normal	0.06	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.56)	Normal	1.04	[CLS] landing gear paused . [SEP]
Normal	Normal (0.56)	Normal	0.48	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.55)	Normal	0.95	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.57)	Normal	0.54	[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.52	[CLS] aircraft is returning to the home point . [SEP]
Normal	Normal (0.58)	Normal	0.64	[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.52	

Normal	Normal (0.55)	Normal	0.65	[CLS] returning home . [SEP] [CLS] magnetic
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.32	filed interference . [SEP] [CLS] exit p -
Normal	Normal (0.57)	Normal	0.62	gps mode . [SEP] [CLS] yaw
HardwareFault	HardwareFault (0.49)	HardwareFault	1.67	error . [SEP] [CLS] manned
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	0.95	aircraft detected nearby . [SEP]
Normal	Normal (0.55)	Normal	1.01	[CLS] fly with caution [SEP] [CLS] max
ParamViolation	ParamViolation (0.31)	ParamViolation	1.18	altitude approached . [SEP] [CLS] wait for
Normal	Normal (0.58)	Normal	0.19	the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.36)	ParamViolation	1.94	[CLS] max flight altitude reached . [SEP] [CLS] adjust
Normal	Normal (0.57)	Normal	1.10	in main controller settings if necessary [SEP] [CLS] max
ParamViolation	ParamViolation (0.36)	ParamViolation	1.87	flight distance reached . [SEP] [CLS] adjust

Normal	Normal (0.58)	Normal	0.86	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.36)	ParamViolation	2.10	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 (0.58)	Normal	0.64	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 is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
HardwareFault	HardwareFault (0.49)	HardwareFault	1.93	
Normal	Normal (0.57)	Normal	0.57	
SoftwareFault	Normal (0.49)	Normal	-0.13	
Normal	Normal (0.56)	Normal	0.18	
HardwareFault	HardwareFault (0.49)	HardwareFault	1.64	
Normal	Normal (0.58)	Normal	0.70	

Normal	HardwareFault (0.49)	HardwareFault	-2.11	assistance [SEP]
				[CLS] motors started .
				[SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.93	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.49)	HardwareFault	-1.00	[CLS] aircraft unable to hover . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] no gps signal . [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.93	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.49)	HardwareFault	-1.05	[CLS] unable to hover .
				[SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.56)	Normal	0.38	[CLS] obstacle avoidance disabled .
				[SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.56)	Normal	0.55	[CLS] obstacle avoidance disabled .
				[SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.56)	Normal	0.38	[CLS] obstacle avoidance disabled .
				[SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.57)	Normal	0.34	[CLS] obstacle avoidance has been disabled . [SEP]
				[CLS] precision

				landing [SEP]
Normal	Normal (0.56)	Normal	0.74	[CLS] quickshot has ended [SEP]
Normal	Normal (0.57)	Normal	0.73	[CLS] recenter gimbal pan [SEP]
Normal	Normal (0.56)	Normal	0.88	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.65	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.58)	Normal	1.07	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (0.58)	Normal	0.59	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.58)	Normal	0.42	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.58)	Normal	0.81	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.57)	Normal	0.87	[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.57)	Normal	0.54	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.57)	Normal	0.46	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.30)	CommunicationIssue	1.10	[CLS] signal

Normal	Normal (0.56)	Normal	1.17	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.56)	Normal	1.12	[CLS] sprayer
				turned on [SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.42	wind warning . [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.46)	SoftwareFault	1.11	return to home automatically . [SEP]
				[CLS] lower
				altitude
Normal	Normal (0.58)	Normal	0.89	immediately
				and return to home
				manually [SEP]
Normal	Normal (0.58)	Normal	0.59	[CLS]
				switched to s (sport) - mode . [SEP]
				[CLS]
Normal	Normal (0.58)	Normal	0.36	switched to t (tripod) - mode . [SEP]
				[CLS] take off
				in p - mode [SEP]
Normal	Normal (0.57)	Normal	1.06	[CLS] vision
				sensor error . [SEP]
				[CLS] contact
Normal	Normal (0.57)	Normal	0.68	dji support for assistance [SEP]
				[CLS] vision
				systems and obstacle
Normal	Normal (0.57)	Normal	0.41	avoidance disabled [SEP]

Normal	Normal (0.56)	Normal	0.56	[CLS] waypoint mission paused [SEP]
				[CLS] weak gps signal . [SEP]
				[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
SoftwareFault	SoftwareFault (0.44)	SoftwareFault	1.88	[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust antennas [SEP]
Normal	Normal (0.58)	Normal	0.56	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
				[CLS] please fly with caution [SEP]
Normal	Normal (0.56)	Normal	0.60	
CommunicationIssue	CommunicationIssue (0.32)	CommunicationIssue	1.28	
Normal	Normal (0.54)	Normal	1.06	
RegulationViolation	RegulationViolation (0.28)	RegulationViolation	2.35	
Normal	Normal (0.56)	Normal	0.96	