

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]
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.57)	Normal	0.74	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
				[CLS] aircraft
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] aircraft
Normal	Normal (0.58)	Normal	0.94	[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] aircraft
				[CLS] aircraft
				[CLS] aircraft
Normal	Normal (0.58)	Normal	0.13	[CLS] aircraft
				[CLS] aircraft
				[CLS] aircraft
				[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]

SoftwareFault	HardwareFault (0.32)	HardwareFault	0.21	[CLS]
				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] [CLS]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.58	critically low voltage warning . [SEP] [CLS] aircraft
Normal	Normal (0.57)	Normal	0.31	will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.86	critically low voltage . [SEP] [CLS] aircraft
Normal	Normal (0.55)	Normal	0.80	will land [SEP] [CLS] data
Normal	Normal (0.57)	Normal	0.55	recorder file index is 15 . [SEP] [CLS] data
Normal	Normal (0.57)	Normal	0.58	recorder file index is 17 . [SEP] [CLS] data
Normal	Normal (0.57)	Normal	0.54	recorder file index is 30 . [SEP] [CLS] data
Normal	Normal (0.57)	Normal	0.54	recorder file index is 45 . [SEP] [CLS] data
Normal	Normal (0.57)	Normal	0.53	recorder file index is 46 . [SEP] [CLS] data
Normal	Normal (0.57)	Normal	0.60	recorder file index is 65 . [SEP] [CLS] disable
Normal	Normal (0.58)	Normal	0.67	sd card read and write

				protection or change card [SEP]
				[CLS]
CommunicationIssue	CommunicationIssue (0.31)	CommunicationIssue	1.75	downlink lost [SEP]
				[CLS]
Normal	Normal (0.58)	Normal	0.37	downlink restored (after 0m 2 . 9s) . [SEP]
				[CLS] drone
Normal	HardwareFault (0.47)	HardwareFault	-1.53	is vibrating [SEP]
				[CLS] entered
Normal	Normal (0.57)	Normal	0.78	cruise control mode . [SEP]
				[CLS] press
Normal	Normal (0.57)	Normal	0.61	c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.31)	ParamViolation	1.97	excessive attitude angle detected [SEP]
				[CLS] forward
SoftwareFault	SoftwareFault (0.45)	SoftwareFault	1.54	avoidance has stopped working [SEP]
				[CLS] exit
Normal	Normal (0.56)	Normal	0.71	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.30)	SurroundingEnvironment	1.62	ambient light is too weak [SEP]
				[CLS] exited
				visual
Normal	Normal (0.57)	Normal	0.60	avoidance system . [SEP]
				[CLS] exiting
SoftwareFault	SoftwareFault (0.46)	SoftwareFault	1.08	gps mode : unknown error [SEP]

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

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
HardwareFault	HardwareFault (0.49)	HardwareFault	1.93	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
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]
				[CLS]
Normal	Normal (0.58)	Normal	0.59	switched to s (sport) - mode . [SEP]
				[CLS]
				switched to t (tripod) - mode . [SEP]
Normal	Normal (0.57)	Normal	1.06	[CLS] take off
				in p - mode [SEP]
				[CLS] vision
SoftwareFault	SoftwareFault (0.41)	SoftwareFault	1.05	sensor error . [SEP]
				[CLS] contact
				dji support for assistance [SEP]
Normal	Normal (0.57)	Normal	0.68	[CLS] vision
				systems and obstacle
				avoidance disabled [SEP]
Normal	Normal (0.57)	Normal	0.41	

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	