

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.92)	Normal	0.71	[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 (0.79)	ParamViolation	2.22	[CLS] check and log in [SEP]
Normal	Normal (0.91)	Normal	1.32	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.92)	Normal	0.87	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.92)	Normal	0.42	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.92)	Normal	0.39	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.92)	Normal	0.42	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.92)	Normal	0.23	[CLS] aircraft

Normal	Normal (0.93)	Normal	0.07	activetrack max speed of nnn and obstacle avoidance functions normally [SEP] [CLS] aircraft core board overheated [SEP]
				[CLS] aircraft entered fixed - wing mode . [SEP]
				[CLS] current flight speed is nnn . [SEP]
				[CLS] press c2 to exit [SEP]
				[CLS] aircraft flight control unlocked [SEP]
RegulationViolation	RegulationViolation (0.55)	RegulationViolation	1.89	[CLS] aircraft in restricted zones . [SEP] [CLS] check map to find recommended zones [SEP]
Normal	Normal (0.92)	Normal	1.25	[CLS] aircraft is in attitude mode , so that it will not hover . [SEP]
Normal	Normal (0.93)	Normal	0.49	[CLS] please fly with caution . [SEP]
Normal	Normal (0.92)	Normal	0.87	[CLS] aircraft is in tripod mode . [SEP] [CLS] exit this mode and try again
Normal	Normal (0.92)	Normal	1.87	

				[SEP]
Normal	Normal (0.92)	Normal	1.60	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.82)	ParamViolation	1.95	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.49)	RegulationViolation	2.07	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.92)	Normal	1.15	[CLS] rth may be affected . [SEP]
Normal	Normal (0.91)	Normal	1.28	[CLS] fly with caution [SEP]
Normal	Normal (0.92)	Normal	1.09	[CLS] arrived at start point . [SEP]
Normal	Normal (0.92)	Normal	0.74	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.91)	Normal	1.61	[CLS] auto landing initiated [SEP]
Normal	Normal (0.92)	Normal	1.03	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.64	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.79	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	0.96	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.92)	Normal	1.96	home automatically [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.90	[CLS] battery power low . [SEP]
Normal	Normal (0.92)	Normal	1.53	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.80)	HardwareFault	1.39	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.94)	SoftwareFault	-1.17	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.92)	Normal	0.27	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.84	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	1.04	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.59	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.37	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.16	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.56)	ParamViolation	0.05	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.05	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.93)	Normal	1.65	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.92)	SoftwareFault	1.06	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.90)	SoftwareFault	-1.11	[CLS] no image [SEP]
Normal	Normal (0.91)	Normal	1.12	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.92)	SoftwareFault	1.06	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.92)	SoftwareFault	-0.93	[CLS] subject too large [SEP]
Normal	Normal (0.92)	Normal	1.27	[CLS] move away and retry [SEP]
Normal	Normal (0.92)	Normal	1.53	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.93)	Normal	1.40	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	1.61	[CLS] compass abnormal . [SEP]
Normal	Normal (0.93)	Normal	0.05	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.92)	Normal	0.55	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.92)	Normal	0.75	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.92)	Normal	1.27	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.01	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.16	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	1.17	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	1.17	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.53	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	1.17	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.42	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.92)	Normal	1.57	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.88)	HardwareFault	0.04	[CLS]
				compass
				initialization
Normal	Normal (0.90)	Normal	0.36	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.94	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.92)	Normal	1.42	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.91)	Normal	1.72	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.89)	HardwareFault	1.94	progress
				[SEP]
				[CLS] critical
HardwareFault	HardwareFault (0.89)	HardwareFault	1.94	low battery .
				[SEP]
				[CLS] aircraft
Normal	Normal (0.91)	Normal	0.81	landing
				automatically
				[SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.94	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.92)	Normal	1.33	[CLS] return
				to home or
				land promptly
HardwareFault	HardwareFault (0.89)	HardwareFault	2.02	[SEP]
				[CLS]
				critically low
Normal	Normal (0.91)	Normal	0.55	power . [SEP]
				[CLS] aircraft
				is landing
HardwareFault	HardwareFault (0.89)	HardwareFault	2.02	[SEP]
				[CLS]
				critically low
Normal	Normal (0.91)	Normal	0.64	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.91)	Normal	0.64	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.93)	Normal	0.67	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.71	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.92)	Normal	0.62	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.99	critically low voltage . [SEP] [CLS]
Normal	Normal (0.91)	Normal	0.91	aircraft will land [SEP] [CLS]
Normal	Normal (0.92)	Normal	0.84	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (0.92)	Normal	1.00	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (0.92)	Normal	1.09	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (0.92)	Normal	0.89	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (0.92)	Normal	0.89	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (0.92)	Normal	1.03	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (0.93)	Normal	1.32	[CLS] disable sd card read and write



				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.65)	CommunicationIssue	1.78	[CLS] downlink lost [SEP]
Normal	Normal (0.93)	Normal	0.55	[CLS] downlink restored (after 0m 2 9s ) [SEP]
Normal	HardwareFault (0.85)	HardwareFault	-1.62	[CLS] drone is vibrating [SEP]
Normal	Normal (0.92)	Normal	1.39	[CLS] entered cruise control mode [SEP]
Normal	Normal (0.92)	Normal	0.98	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.70)	ParamViolation	1.98	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	1.89	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.91)	Normal	1.25	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.83	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.92)	Normal	1.25	[CLS] exited visual avoidance system [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.17	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.82)	ParamViolation	1.81	[CLS] extra payload detected . [SEP]
Normal	Normal (0.92)	Normal	1.06	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.91)	Normal	1.28	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.51	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.60	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.83	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.92)	Normal	1.08	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.98	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.91)	Normal	0.41	[CLS] ground plain . [SEP]
Normal	Normal (0.91)	Normal	0.54	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.69)	ParamViolation	1.66	[CLS] high altitude . [SEP]
Normal	HardwareFault (0.75)	HardwareFault	-2.27	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.91)	Normal	1.28	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.73	[CLS] high wind velocity . [SEP]
Normal	Normal (0.93)	Normal	0.47	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.73	[CLS] high wind velocity . [SEP]
Normal	Normal (0.93)	Normal	0.47	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.73	[CLS] high wind velocity . [SEP]
Normal	Normal (0.93)	Normal	1.36	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.65)	ParamViolation	-1.96	[CLS] high - altitude flight [SEP]
Normal	Normal (0.91)	Normal	1.28	[CLS] fly with caution [SEP]
Normal	Normal (0.90)	Normal	-0.03	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.58)	ParamViolation	-1.79	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.91)	Normal	0.79	[CLS] home

ParamViolation	ParamViolation (0.36)	ParamViolation	1.65	point updated
				. [SEP]
				[CLS] imu
Normal	Normal (0.91)	Normal	0.91	attitude
				restricted .
				[SEP]
SoftwareFault	Normal (0.92)	Normal	-0.79	[CLS] ensure
				aircraft is
				level [SEP]
Normal	Normal (0.92)	Normal	1.54	[CLS] imu not
				calibrated .
				[SEP]
Normal	Normal (0.90)	Normal	0.15	[CLS]
				calibrate imu
				[SEP]
Normal	Normal (0.91)	Normal	1.42	[CLS] landing
				canceled .
				[SEP]
Normal	Normal (0.91)	Normal	0.66	[CLS] landing
				gear function
				restored
Normal	Normal (0.91)	Normal	0.75	[SEP]
				[CLS] landing
				gear raising .
Normal	Normal (0.91)	Normal	1.30	[SEP]
				[CLS] home
				point
Normal	Normal (0.92)	Normal	0.11	recorded
				[SEP]
				[CLS] live
Normal	Normal (0.91)	Normal	1.28	stream video
				frame rate
				less than 9hz
HardwareFault	HardwareFault (0.88)	HardwareFault	1.72	. [SEP]
				[CLS] fly with
				caution [SEP]
Normal	Normal (0.92)	Normal	1.26	[CLS] low
				power . [SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.88)	HardwareFault	1.72	is returning
				to the home
				point . [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	1.72	[CLS] low
				power . [SEP]

Normal	Normal (0.91)	Normal	0.76	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.42	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.92)	Normal	1.25	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.88)	HardwareFault	2.15	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.77)	SurroundingEnvironment	0.92	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.91)	Normal	1.28	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.62)	ParamViolation	0.93	[CLS] max altitude approached . [SEP]
Normal	Normal (0.93)	Normal	0.41	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.82)	ParamViolation	1.89	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.92)	Normal	1.68	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.82)	ParamViolation	1.96	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.92)	Normal	1.44	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.82)	ParamViolation	2.07	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 (0.92)	Normal	1.12	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]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.87	[CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.92)	Normal	1.23	
SoftwareFault	Normal (0.92)	Normal	0.05	
Normal	Normal (0.92)	Normal	0.29	
HardwareFault	HardwareFault (0.88)	HardwareFault	1.50	
Normal	Normal (0.93)	Normal	1.22	

Normal	HardwareFault (0.87)	HardwareFault	-1.86	assistance [SEP]
				[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	1.63	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.89)	HardwareFault	-0.80	[CLS] aircraft unable to hover . [SEP]
				[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	1.63	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.89)	HardwareFault	-1.09	[CLS] unable to hover . [SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.91)	Normal	1.28	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.91)	Normal	0.67	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.91)	Normal	0.67	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] landing gear lowered . [SEP]
Normal	Normal (0.92)	Normal	0.90	[CLS] obstacle avoidance has been disabled . [SEP]
				[CLS] precision

				landing [SEP]
				[CLS]
Normal	Normal (0.91)	Normal	1.29	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.92)	Normal	1.51	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (0.92)	Normal	0.23	rectifying aircraft position [SEP]
				[CLS] remote controller in high
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.86	interference environment . [SEP]
				[CLS]
Normal	Normal (0.92)	Normal	1.77	manually adjust flight route or return to home [SEP]
				[CLS] return -
Normal	Normal (0.92)	Normal	0.88	to - home altitude : 65ft [SEP]
				[CLS] return -
Normal	Normal (0.92)	Normal	0.62	to - home altitude : 98ft . [SEP]
				[CLS] rth :
Normal	Normal (0.92)	Normal	1.38	ascending to rth altitude . [SEP]
				[CLS] rth :
Normal	Normal (0.92)	Normal	1.67	heading alignment . [SEP]
				[CLS] rth
Normal	Normal (0.92)	Normal	0.92	altitude : 65ft . [SEP]
				[CLS] rth
Normal	Normal (0.92)	Normal	0.79	altitude : 98ft . [SEP]
				[CLS] signal
CommunicationIssue	CommunicationIssue (0.64)	CommunicationIssue	1.23	



				lost . [SEP]
				[CLS] aircraft
Normal	Normal (0.92)	Normal	1.67	returning to home point [SEP]
				[CLS] sprayer
Normal	Normal (0.92)	Normal	1.69	turned on [SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.59	wind warning . [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.25	return to home automatically . [SEP]
				[CLS] lower
				altitude
				immediately
Normal	Normal (0.92)	Normal	1.75	and return to home manually [SEP]
				[CLS]
Normal	Normal (0.92)	Normal	1.05	switched to s ( sport ) - mode . [SEP]
				[CLS]
Normal	Normal (0.93)	Normal	0.64	switched to t ( tripod ) - mode . [SEP]
				[CLS] take off
Normal	Normal (0.92)	Normal	1.71	in p - mode [SEP]
				[CLS] vision
SoftwareFault	HardwareFault (0.77)	HardwareFault	0.14	sensor error . [SEP]
				[CLS] contact
Normal	Normal (0.92)	Normal	1.26	dji support for assistance [SEP]
				[CLS] vision
				systems and
				obstacle
Normal	Normal (0.92)	Normal	1.12	avoidance disabled [SEP]

Normal	Normal (0.91)	Normal	1.17	[CLS] waypoint mission paused [SEP]
				[CLS] weak
				gps signal . [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	1.63	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.93)	Normal	1.13	[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust
Normal	Normal (0.91)	Normal	0.67	antennas [SEP]
CommunicationIssue	CommunicationIssue (0.66)	CommunicationIssue	1.38	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.90)	Normal	1.13	[CLS] please fly with caution [SEP]
RegulationViolation	RegulationViolation (0.50)	RegulationViolation	2.45	
Normal	Normal (0.91)	Normal	1.13	