

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.99)	Normal	0.68	[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 (0.90)	ParamViolation	2.01	[CLS] check and log in [SEP]
Normal	Normal (0.99)	Normal	1.11	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.99)	Normal	0.89	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.99)	Normal	0.86	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.99)	Normal	0.04	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.99)	Normal	0.86	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.99)	Normal	0.07	[CLS] aircraft

Normal	Normal (0.99)	Normal	0.14	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.94)	HardwareFault	2.46	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.99)	Normal	0.83	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.94)	Normal	-2.02	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.99)	Normal	0.92	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	1.82	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.99)	Normal	0.72	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.99)	Normal	0.18	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.99)	Normal	1.01	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.99)	Normal	0.70	[CLS] exit
				this mode and
				try again
				1.64
				Normal

Normal	Normal (0.99)	Normal	0.85	[SEP]
				[CLS] aircraft is returning
				to the starting point [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	1.77	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	2.10	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.99)	Normal	0.84	[CLS] rth may be affected . [SEP]
Normal	Normal (0.99)	Normal	1.31	[CLS] fly with caution [SEP]
Normal	Normal (0.99)	Normal	0.78	[CLS] arrived at start point . [SEP]
Normal	Normal (0.99)	Normal	0.79	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.99)	Normal	1.33	[CLS] auto landing initiated [SEP]
Normal	Normal (0.99)	Normal	0.57	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	2.25	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.87	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.21	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.99)	Normal	1.36	home automatically [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.68	[CLS] battery power low . [SEP] [CLS] check battery status
Normal	Normal (0.99)	Normal	1.35	and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.70	[CLS] cache space full [SEP] [CLS]
SurroundingEnvironment	SoftwareFault (0.95)	SoftwareFault	-0.09	calibration subject is too close . [SEP] [CLS]
Normal	Normal (0.99)	Normal	0.09	recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.93)	HardwareFault	1.85	[CLS] camera busy , cannot enter playback [SEP] [CLS] cannot
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	0.88	enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.60	[CLS] low battery [SEP] [CLS] cannot
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.17	start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.15	[CLS] cannot start self - timer . [SEP] [CLS]
SoftwareFault	ParamViolation (0.79)	ParamViolation	-0.07	exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.95)	SoftwareFault	0.92	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.99)	Normal	1.04	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.15	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.94)	SoftwareFault	-0.35	[CLS] no image [SEP]
Normal	Normal (0.99)	Normal	1.13	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.15	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.95)	SoftwareFault	-0.22	[CLS] subject too large [SEP]
Normal	Normal (0.99)	Normal	1.04	[CLS] move away and retry [SEP]
Normal	Normal (0.99)	Normal	1.01	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.99)	Normal	0.67	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.49	[CLS] compass abnormal . [SEP]
Normal	Normal (0.99)	Normal	0.10	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.99)	Normal	0.08	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.99)	Normal	0.18	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.99)	Normal	0.81	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.21	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.85)	HardwareFault	1.11	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.31	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.31	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.53	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.31	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.45	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.99)	Normal	1.11	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.93)	HardwareFault	0.09	[CLS] compass initialization failed . [SEP]
Normal	Normal (0.99)	Normal	1.09	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.78	[CLS] critical low battery . [SEP]
Normal	Normal (0.99)	Normal	1.01	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (0.99)	Normal	1.23	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.78	[CLS] critical low battery . [SEP]
Normal	Normal (0.99)	Normal	1.01	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.78	[CLS] critical low battery . [SEP]
Normal	Normal (0.99)	Normal	1.23	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.94	[CLS] critically low power . [SEP]
Normal	Normal (0.99)	Normal	0.93	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.94	[CLS] critically low power . [SEP]
Normal	Normal (0.99)	Normal	0.73	[CLS] aircraft landing . [SEP]
Normal	Normal (0.99)	Normal	0.73	[CLS] aircraft landing . [SEP]
				[CLS] throttle up to reduce

Normal	Normal (0.99)	Normal	0.20	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.89	critically low voltage warning . [SEP] [CLS] aircraft
Normal	Normal (0.99)	Normal	0.27	will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.95	critically low voltage . [SEP] [CLS] aircraft
Normal	Normal (0.99)	Normal	1.16	will land [SEP] [CLS] data
Normal	Normal (0.99)	Normal	0.58	recorder file index is 15 . [SEP] [CLS] data
Normal	Normal (0.99)	Normal	0.69	recorder file index is 17 . [SEP] [CLS] data
Normal	Normal (0.99)	Normal	0.65	recorder file index is 30 . [SEP] [CLS] data
Normal	Normal (0.99)	Normal	0.60	recorder file index is 45 . [SEP] [CLS] data
Normal	Normal (0.99)	Normal	0.54	recorder file index is 46 . [SEP] [CLS] data
Normal	Normal (0.99)	Normal	0.66	recorder file index is 65 . [SEP] [CLS] disable
Normal	Normal (0.99)	Normal	0.54	sd card read and write



				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.84)	CommunicationIssue	1.76	[CLS] downlink lost [SEP]
Normal	Normal (0.99)	Normal	0.22	[CLS] downlink restored (after 0m 2 . 9s ) . [SEP]
Normal	HardwareFault (0.77)	HardwareFault	-1.49	[CLS] drone is vibrating [SEP]
Normal	Normal (0.99)	Normal	1.14	[CLS] entered cruise control mode . [SEP]
Normal	Normal (0.99)	Normal	0.74	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	1.82	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.67	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.99)	Normal	0.69	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.83	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.99)	Normal	0.72	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.05	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.90)	ParamViolation	1.56	[CLS] extra payload detected . [SEP]
Normal	Normal (0.99)	Normal	0.76	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.99)	Normal	1.31	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.93	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.79	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	2.11	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.99)	Normal	0.68	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.88	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.98)	Normal	0.46	[CLS] ground plain . [SEP]
Normal	Normal (0.99)	Normal	0.71	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	1.56	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.36)	ParamViolation	-1.92	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.99)	Normal	1.31	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.60	[CLS] high wind velocity . [SEP]
Normal	Normal (0.99)	Normal	0.21	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.60	[CLS] high wind velocity . [SEP]
Normal	Normal (0.99)	Normal	0.21	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.60	[CLS] high wind velocity . [SEP]
Normal	Normal (0.99)	Normal	0.75	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.89)	ParamViolation	-1.97	[CLS] high - altitude flight [SEP]
Normal	Normal (0.99)	Normal	1.31	[CLS] fly with caution [SEP]
Normal	Normal (0.90)	Normal	-0.47	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.57)	ParamViolation	-1.83	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.99)	Normal	0.80	[CLS] home

ParamViolation	ParamViolation (0.75)	ParamViolation	1.28	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (0.99)	Normal	0.85	aircraft is level [SEP]
SoftwareFault	Normal (0.99)	Normal	-0.79	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.99)	Normal	1.17	calibrate imu [SEP]
Normal	Normal (0.98)	Normal	0.10	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.99)	Normal	1.09	[CLS] landing gear paused . [SEP]
Normal	Normal (0.99)	Normal	0.80	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.99)	Normal	1.16	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.70	[CLS] low power . [SEP]
Normal	Normal (0.99)	Normal	0.75	[CLS] aircraft is returning to the home point . [SEP]
				[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	1.70	

Normal	Normal (0.99)	Normal	0.93	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.45	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.99)	Normal	0.89	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.94)	HardwareFault	2.02	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.72)	SurroundingEnvironment	1.19	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.99)	Normal	1.31	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	1.42	[CLS] max altitude approached . [SEP]
Normal	Normal (0.99)	Normal	0.08	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	2.01	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.99)	Normal	1.01	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	1.97	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.99)	Normal	0.81	in main controller settings if necessary .
				[SEP]
ParamViolation	ParamViolation (0.90)	ParamViolation	1.96	[CLS]
				maximum flight distance reached .
Normal	Normal (0.99)	Normal	0.67	[SEP]
				[CLS] adjust the distance in mc settings if required .
HardwareFault	HardwareFault (0.87)	HardwareFault	1.92	[SEP]
				[CLS] mobile device cpu fully loaded .
Normal	Normal (0.99)	Normal	0.84	[SEP]
				[CLS] related performance will be affected .
SoftwareFault	Normal (0.97)	Normal	-0.08	[SEP]
				[CLS] mobile device version too old to support hd image transmission and the image transmission mode has been switch to normal mode .
Normal	Normal (0.99)	Normal	0.40	[SEP]
				[CLS] motor is blocked .
HardwareFault	HardwareFault (0.94)	HardwareFault	1.71	[SEP]
				[CLS] motor stuck .
Normal	Normal (0.99)	Normal	0.74	[CLS] check for objects blocking motor or contact dji support for

Normal	HardwareFault (0.93)	HardwareFault	-1.77	assistance [SEP]
				[CLS] motors started . [SEP]
				[CLS] no gps signal . [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.69	[CLS] aircraft unable to hover . [SEP]
Normal	HardwareFault (0.94)	HardwareFault	-1.03	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.69	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.94)	HardwareFault	-1.19	[CLS] unable to hover . [SEP]
Normal	Normal (0.99)	Normal	1.31	[CLS] fly with caution [SEP]
Normal	Normal (0.99)	Normal	0.50	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] landing gear lowered . [SEP]
				[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.99)	Normal	0.89	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.99)	Normal	0.50	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.99)	Normal	0.89	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.99)	Normal	0.47	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.99)	Normal	1.42	[CLS] precision

				landing [SEP]
Normal	Normal (0.99)	Normal	1.12	[CLS] quickshot has ended [SEP]
Normal	Normal (0.99)	Normal	1.13	[CLS] recenter gimbal pan [SEP]
Normal	Normal (0.99)	Normal	1.18	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.73	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.99)	Normal	1.40	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (0.99)	Normal	0.36	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.99)	Normal	0.17	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.99)	Normal	0.68	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.99)	Normal	1.16	[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.99)	Normal	0.60	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.99)	Normal	0.48	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.84)	CommunicationIssue	1.14	[CLS] signal



Normal	Normal (0.99)	Normal	1.20	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.99)	Normal	1.34	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.91)	SurroundingEnvironment	1.52	[CLS] strong wind warning . [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.19	[CLS] aircraft unable to return to home automatically . [SEP]
				[CLS] lower altitude immediately and return to home manually [SEP]
				[CLS]
Normal	Normal (0.99)	Normal	1.17	switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.99)	Normal	0.71	[CLS]
Normal	Normal (0.99)	Normal	0.23	switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.99)	Normal	1.27	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.86)	HardwareFault	0.28	[CLS] vision sensor error . [SEP]
Normal	Normal (0.99)	Normal	0.97	[CLS] contact dji support for assistance [SEP]
				[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.99)	Normal	0.96	[CLS] waypoint mission paused [SEP]
				[CLS] weak gps signal . [SEP]
				[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
				[CLS] fly with caution . [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.62	[CLS] weak signal . [SEP]
Normal	Normal (0.99)	Normal	0.57	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
				[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust antennas [SEP]
CommunicationIssue	CommunicationIssue (0.85)	CommunicationIssue	1.32	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.99)	Normal	1.08	[CLS] please fly with caution [SEP]
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	2.61	
Normal	Normal (0.99)	Normal	1.30	