

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.99)	SurroundingEnvironment	-0.58	[CLS] a passenger aircraft is nearby .
				[SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] flight altitude and distance restricted to nnn and nnn .
Normal	Normal (0.99)	Normal	-0.18	[SEP]
ParamViolation	ParamViolation (0.97)	ParamViolation	2.02	[CLS] check and log in [SEP]
				[CLS] activetrack flight paused [SEP]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (1.00)	Normal	1.99	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (1.00)	Normal	0.26	[CLS] aircraft activetrack available at max speed .
Normal	Normal (1.00)	Normal	2.43	[SEP]
Normal	Normal (1.00)	Normal	2.10	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (1.00)	Normal	-0.30	[CLS] aircraft

Normal	Normal (1.00)	Normal	3.26	activetrack
				max speed of
				nnn and
HardwareFault	HardwareFault (0.99)	HardwareFault	2.21	obstacle
				avoidance
				functions
Normal	Normal (1.00)	Normal	1.23	normally
				[SEP]
				[CLS] aircraft
Normal	Normal (0.99)	Normal	1.02	core board
				overheated
				[SEP]
Normal	Normal (1.00)	Normal	0.05	[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (1.00)	Normal	0.91	[SEP]
				[CLS] current
				flight speed is
Normal	Normal (1.00)	Normal	1.98	nnn . [SEP]
				[CLS] press
				c2 to exit
Normal	Normal (1.00)	Normal	2.56	[SEP]
				[CLS] aircraft
				flight control
RegulationViolation	RegulationViolation (0.71)	RegulationViolation	-0.56	unlocked
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	1.28	in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (1.00)	Normal	2.10	map to find
				recommended
				zones [SEP]
Normal	Normal (1.00)	Normal	1.66	[CLS] aircraft
				is in attitude
				mode , so that
Normal	Normal (1.00)	Normal	1.28	it will not
				hover . [SEP]
				[CLS] please
Normal	Normal (1.00)	Normal	2.10	fly with
				caution .
				[SEP]
Normal	Normal (1.00)	Normal	1.66	[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (1.00)	Normal	1.66	[CLS] exit
				this mode and
				try again

Normal	Normal (1.00)	Normal	0.18	[SEP]
				[CLS] aircraft
				is returning
ParamViolation	ParamViolation (0.79)	ParamViolation	1.49	to the
				starting point
				[SEP]
RegulationViolation	RegulationViolation (0.69)	RegulationViolation	1.62	[CLS] aircraft
				out of range
				[SEP]
Normal	Normal (1.00)	Normal	1.63	[CLS]
				approaching
				a no - fly zone
Normal	Normal (1.00)	Normal	0.81	. [SEP]
				[CLS] rth may
				be affected .
Normal	Normal (1.00)	Normal	0.86	[SEP]
				[CLS] fly with
				caution [SEP]
Normal	Normal (1.00)	Normal	0.43	[CLS] arrived
				at start point
				. [SEP]
Normal	Normal (1.00)	Normal	1.69	[CLS] starting
				waypoint
				mission [SEP]
Normal	Normal (1.00)	Normal	-0.86	[CLS] auto
				landing
				initiated
Normal	Normal (0.71)	Normal	1.70	[SEP]
				[CLS]
				auxiliary
SoftwareFault	SoftwareFault (0.97)	SoftwareFault	1.61	bottom light
				turned off
				[SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.77	[CLS]
				backward
				obstacle
HardwareFault	HardwareFault (0.99)	HardwareFault	1.61	sensing is not
				functioning .
				[SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.61	[CLS] battery
				cell broken ,
				please
HardwareFault	HardwareFault (0.99)	HardwareFault	1.77	replace the
				battery [SEP]
				[CLS] battery
HardwareFault	HardwareFault (0.99)	HardwareFault	1.77	error . [SEP]
				[CLS] aircraft
				returning to

Normal	Normal (1.00)	Normal	1.36	home automatically [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.16	[CLS] battery power low . [SEP]
Normal	Normal (1.00)	Normal	0.10	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.98)	HardwareFault	1.10	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.96)	SurroundingEnvironment	0.71	[CLS] calibration subject is too close . [SEP]
Normal	Normal (1.00)	Normal	1.68	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.98)	HardwareFault	1.32	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	1.18	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.84	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	1.10	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	HardwareFault (0.85)	SoftwareFault	1.06	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.94)	SoftwareFault	0.66	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.20	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (1.00)	Normal	2.82	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	1.01	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.49)	SurroundingEnvironment	-0.07	[CLS] no image [SEP]
Normal	Normal (1.00)	Normal	1.47	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	1.01	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.97)	SurroundingEnvironment	0.03	[CLS] subject too large [SEP]
Normal	Normal (1.00)	Normal	1.78	[CLS] move away and retry [SEP]
Normal	Normal (1.00)	Normal	1.33	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (1.00)	Normal	1.60	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.41	[CLS] compass abnormal . [SEP]
Normal	Normal (1.00)	Normal	-0.18	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (1.00)	Normal	0.26	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (1.00)	Normal	1.81	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (1.00)	Normal	1.60	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.12	[CLS] compass error [SEP]
HardwareFault	SoftwareFault (0.97)	HardwareFault	0.11	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.81	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.81	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.67	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.81	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.24	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	1.17	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.99)	SoftwareFault	0.15	[CLS]
				compass
				initialization
				failed . [SEP]
Normal	Normal (1.00)	Normal	1.42	[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.78	[CLS] critical
				low battery .
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	-0.27	in auto power
				off protection
				. [SEP]
				[CLS] forced
Normal	Normal (1.00)	Normal	1.68	landing in
				progress
				[SEP]
				[CLS] critical
HardwareFault	HardwareFault (0.99)	HardwareFault	1.78	low battery .
				[SEP]
				[CLS] aircraft
				landing
Normal	Normal (1.00)	Normal	1.10	automatically
				[SEP]
				[CLS] critical
				low battery .
HardwareFault	HardwareFault (0.99)	HardwareFault	1.78	[SEP]
				[CLS] return
				to home or
				land promptly
Normal	Normal (1.00)	Normal	-0.06	[SEP]
				[CLS]
				critically low
				power . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.96	[CLS] aircraft
				is landing
				[SEP]
				[CLS]
Normal	Normal (1.00)	Normal	0.27	critically low
				power . [SEP]
				[CLS] aircraft
				landing .
HardwareFault	HardwareFault (0.99)	HardwareFault	1.71	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
Normal	Normal (1.00)	Normal	1.71	[CLS] throttle
				up to reduce

Normal	Normal (1.00)	Normal	1.68	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.16	critically low voltage warning . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.09	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.99	critically low voltage . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.19	aircraft will land [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.83	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.41	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.99	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.02	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	0.92	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.02	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	1.62	disable sd card read and write



				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.88)	CommunicationIssue	1.30	[CLS] downlink lost . [SEP]
Normal	Normal (1.00)	Normal	0.32	[CLS] downlink restored ( after 0m 2 . 9s ) . [SEP]
Normal	Normal (0.92)	Normal	-0.66	[CLS] drone is vibrating [SEP]
Normal	Normal (1.00)	Normal	0.51	[CLS] entered cruise control mode . [SEP]
Normal	Normal (1.00)	Normal	2.55	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.78)	ParamViolation	1.75	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	Normal (1.00)	SoftwareFault	0.77	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (1.00)	Normal	0.07	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	2.10	[CLS] ambient light is too weak [SEP]
Normal	Normal (1.00)	Normal	0.75	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	SoftwareFault (0.87)	SoftwareFault	1.03	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.98)	ParamViolation	2.18	[CLS] extra payload detected . [SEP]
Normal	Normal (1.00)	Normal	0.25	[CLS] flight performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.97)	SoftwareFault	2.26	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.94)	SoftwareFault	1.94	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.95)	HardwareFault	2.40	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (1.00)	Normal	-0.14	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	2.65	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.91)	Normal	-0.82	[CLS] ground plain . [SEP]
Normal	Normal (1.00)	Normal	0.89	[CLS] safe to land . [SEP]
ParamViolation	HardwareFault (0.46)	ParamViolation	1.02	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.53)	Normal	-2.05	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (1.00)	Normal	0.81	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	1.09	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.95	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	1.09	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.95	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	1.09	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.54	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (1.00)	Normal	-0.51	[CLS] high altitude flight [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] fly with caution [SEP]
Normal	Normal (0.60)	Normal	-0.29	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (1.00)	Normal	-0.09	[CLS] flight time is shortened . [SEP]
Normal	Normal (1.00)	Normal	0.20	[CLS] home

				point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
ParamViolation	HardwareFault (0.46)	ParamViolation	1.14	[CLS] ensure aircraft is level [SEP]
Normal	Normal (1.00)	Normal	1.25	[CLS] imu not calibrated . [SEP]
SoftwareFault	Normal (1.00)	SoftwareFault	-0.49	[CLS] calibrate imu [SEP]
Normal	Normal (1.00)	Normal	0.59	[CLS] landing canceled . [SEP]
Normal	Normal (0.96)	Normal	0.16	[CLS] landing gear function restored [SEP]
Normal	Normal (1.00)	Normal	0.11	[CLS] landing gear paused . [SEP]
Normal	Normal (1.00)	Normal	-0.01	[CLS] landing gear raising . [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] home point recorded [SEP]
Normal	Normal (1.00)	Normal	0.72	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (0.44)	Normal	-1.21	[CLS] fly with caution [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.38	[CLS] aircraft is returning to the home point . [SEP]
Normal	Normal (1.00)	Normal	2.06	[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.38	

Normal	Normal (1.00)	Normal	1.61	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.24	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	0.47	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.99	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.86)	SurroundingEnvironment	1.39	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.70)	ParamViolation	1.47	[CLS] max altitude approached . [SEP]
Normal	Normal (1.00)	Normal	2.42	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.97)	ParamViolation	1.80	[CLS] max flight altitude reached . [SEP]
Normal	Normal (1.00)	Normal	0.42	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.98)	ParamViolation	1.92	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (1.00)	Normal	1.02	in main controller settings if necessary . [SEP] [CLS] maximum flight distance reached . [SEP]
ParamViolation	ParamViolation (0.98)	ParamViolation	2.35	[CLS] adjust the distance in mc settings if required . [SEP]
Normal	Normal (1.00)	Normal	2.20	[CLS] mobile device cpu fully loaded . [SEP]
HardwareFault	HardwareFault (0.98)	HardwareFault	2.02	[CLS] related performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	2.44	[CLS] mobile device version too old to support hd image transmission and the image transmission mode has been switch to normal mode . [SEP]
SoftwareFault	Normal (0.98)	SoftwareFault	1.21	[CLS] motor is blocked . [SEP]
Normal	Normal (1.00)	Normal	0.01	[CLS] motor stuck . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.15	[CLS] check for objects blocking motor or contact dji support for
Normal	Normal (1.00)	Normal	1.71	

				assistance
				[SEP]
Normal	Normal (0.76)	Normal	-0.10	[CLS] motors
				started . [SEP]
SoftwareFault	SoftwareFault (0.96)	SoftwareFault	1.69	[CLS] no gps
				signal . [SEP]
Normal	HardwareFault (0.99)	Normal	-1.15	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] fly with
				caution [SEP]
SoftwareFault	SoftwareFault (0.96)	SoftwareFault	1.69	[CLS] no gps
				signal . [SEP]
Normal	HardwareFault (0.99)	Normal	-1.13	[CLS] unable
				to hover . [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] fly with
				caution [SEP]
Normal	Normal (1.00)	Normal	0.05	[CLS] obstacle
				avoidance disabled . [SEP]
Normal	Normal (1.00)	Normal	0.92	[CLS] landing
				gear lowered . [SEP]
Normal	Normal (1.00)	Normal	0.05	[CLS] obstacle
				avoidance disabled . [SEP]
Normal	Normal (1.00)	Normal	0.05	[CLS] obstacle
				avoidance disabled . [SEP]
Normal	Normal (1.00)	Normal	0.92	[CLS] landing
				gear lowered . [SEP]
Normal	Normal (1.00)	Normal	0.01	[CLS] obstacle
				avoidance has been disabled . [SEP]
Normal	Normal (1.00)	Normal	1.24	[CLS] precision

				landing [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	0.29	quickshot has ended [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	0.15	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.82	rectifying aircraft position [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.94)	SurroundingEnvironment	1.27	remote controller in high interference environment . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.88	manually adjust flight route or return to home [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	0.06	return - to - home altitude : 65ft [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	-0.01	return - to - home altitude : 98ft . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	0.02	rth : ascending to rth altitude . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.42	rth : heading alignment . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	1.15	rth altitude : 65ft . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	2.44	rth altitude : 98ft . [SEP]
				[CLS]
CommunicationIssue	CommunicationIssue (0.88)	CommunicationIssue	0.85	signal



Normal	Normal (1.00)	Normal	1.98	lost . [SEP]
				[CLS] aircraft returning to home point [SEP]
Normal	Normal (1.00)	Normal	-0.11	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.98)	SurroundingEnvironment	1.40	[CLS] strong wind warning . [SEP]
				[CLS] aircraft unable to return to home automatically . [SEP]
SoftwareFault	SoftwareFault (0.78)	SoftwareFault	0.74	[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (1.00)	Normal	1.70	[CLS] switched to s ( sport ) - mode . [SEP]
				[CLS] switched to t ( tripod ) - mode . [SEP]
Normal	Normal (1.00)	Normal	0.12	[CLS] take off in p - mode [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	1.68	[CLS] vision sensor error . [SEP]
				[CLS] contact dji support for assistance [SEP]
Normal	Normal (1.00)	Normal	1.68	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (1.00)	Normal	0.08	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (0.96)	SoftwareFault	1.55	[CLS] weak gps signal . [SEP]
Normal	Normal (1.00)	Normal	1.46	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (1.00)	Normal	0.59	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (0.89)	CommunicationIssue	1.54	[CLS] weak signal . [SEP]
Normal	Normal (1.00)	Normal	1.64	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.63)	RegulationViolation	2.53	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (1.00)	Normal	0.83	[CLS] please fly with caution [SEP]