

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.95)	SurroundingEnvironment	1.76	[CLS] a
				passenger
				aircraft is
				nearby .
				[SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with
Normal	SoftwareFault (0.97)	Normal	-0.40	caution [SEP]
				[CLS] account
				not logged in
				. [SEP]
				[CLS] flight
ParamViolation	ParamViolation (0.79)	ParamViolation	0.07	altitude and
				distance
				restricted to
				nnn and nnn .
				[SEP]
Normal	Normal (1.00)	Normal	1.43	[CLS] check
				and log in
				[SEP]
				[CLS]
				activetrack
Normal	Normal (1.00)	Normal	1.02	flight paused
				[SEP]
				[CLS] aircraft
				activetrack
				available at
Normal	Normal (1.00)	Normal	-0.58	max speed .
				[SEP]
				[CLS]
				obstacle
				avoidance is
Normal	Normal (1.00)	Normal	-1.16	not available
				[SEP]
				[CLS] aircraft
				activetrack
				available at
Normal	Normal (1.00)	Normal	-0.58	max speed .
				[SEP]
				[CLS] when
				exceeding
				nnn , obstacle
Normal	Normal (0.99)	Normal	1.09	avoidance is
				not available
				[SEP]
				[CLS] aircraft

				activetrack
				max speed of
Normal	Normal (1.00)	Normal	1.16	nnn and
				obstacle
				avoidance
				functions
				normally
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (1.00)	HardwareFault	1.69	core board
				overheated
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	-0.27	entered fixed
				- wing mode .
				[SEP]
				[CLS] current
Normal	Normal (1.00)	Normal	-1.51	flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.99)	Normal	1.54	c2 to exit
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	1.10	flight control
				unlocked
				[SEP]
RegulationViolation	RegulationViolation (1.00)	RegulationViolation	-0.75	[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (1.00)	Normal	1.14	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	0.78	is in attitude
				mode , so that
				it will not
				hover . [SEP]
				[CLS] please
Normal	Normal (1.00)	Normal	1.99	fly with
				caution .
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	1.09	is in tripod
				mode . [SEP]
				[CLS] exit
				this mode and
Normal	Normal (1.00)	Normal	1.18	try again

				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	0.35	is returning to the starting point
				[SEP]
ParamViolation	ParamViolation (0.55)	ParamViolation	-0.64	[CLS] aircraft out of range
				[SEP]
RegulationViolation	RegulationViolation (0.99)	RegulationViolation	2.41	[CLS] approaching a no - fly zone .
				[SEP]
Normal	Normal (1.00)	Normal	1.13	[CLS] rth may be affected .
				[SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution
				[SEP]
Normal	Normal (1.00)	Normal	0.98	[CLS] arrived at start point .
				[SEP]
Normal	Normal (1.00)	Normal	1.04	[CLS] starting waypoint mission
				[SEP]
Normal	Normal (1.00)	Normal	1.18	[CLS] auto landing initiated
				[SEP]
Normal	Normal (1.00)	Normal	1.00	[CLS] auxiliary bottom light turned off
				[SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	2.10	[CLS] backward obstacle sensing is not functioning .
				[SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.31	[CLS] battery cell broken , please replace the battery
				[SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.18	[CLS] battery error .
				[SEP]
				[CLS] aircraft returning to

Normal	Normal (1.00)	Normal	1.57	home automatically [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.18	[CLS] battery power low . [SEP]
Normal	Normal (1.00)	Normal	-0.76	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	-0.82	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (1.00)	SurroundingEnvironment	1.85	[CLS] calibration subject is too close . [SEP]
Normal	Normal (1.00)	Normal	1.44	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	SoftwareFault (0.91)	HardwareFault	-1.39	[CLS] camera busy , cannot enter [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.60	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.50	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.34	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	0.79	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.53)	SoftwareFault	-0.70	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.34	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (1.00)	Normal	1.32	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.59	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.98)	SurroundingEnvironment	-1.17	[CLS] no image [SEP]
Normal	Normal (0.99)	Normal	-1.02	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.59	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (1.00)	SurroundingEnvironment	0.81	[CLS] subject too large [SEP]
Normal	Normal (1.00)	Normal	0.42	[CLS] move away and retry [SEP]
Normal	Normal (1.00)	Normal	1.12	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (1.00)	Normal	-1.20	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.92	[CLS] compass abnormal . [SEP]
Normal	Normal (1.00)	Normal	1.31	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
				[CLS] the
Normal	Normal (1.00)	Normal	1.26	ground or
				walls may
				contain metal
				. [SEP]
				[CLS] move
				away from
Normal	Normal (1.00)	Normal	1.05	sources of
				interference
				before
				attempting
				flight . [SEP]
				[CLS] 2 .
Normal	Normal (1.00)	Normal	0.41	calibrate
				compass
				before takeoff
				[SEP]
				[CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.48	compass
				error [SEP]
				[CLS]
				compass
HardwareFault	HardwareFault (0.74)	HardwareFault	-0.79	error ,
				calibration
				required
				[SEP]
				[CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.79	compass
				error . [SEP]
				[CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.79	compass
				error . [SEP]
				[CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.13	compass
				disconnected
				[SEP]
				[CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.79	compass
				error . [SEP]
				[CLS]
				magnetic
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	-0.18	field
				interference .
				[SEP]
				[CLS] exit p -
Normal	Normal (1.00)	Normal	1.08	gps mode
				[SEP]

				[CLS]
SoftwareFault	HardwareFault (0.96)	SoftwareFault	0.59	compass initialization failed . [SEP]
Normal	Normal (1.00)	Normal	1.03	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.32	[CLS] critical low battery . [SEP]
Normal	Normal (1.00)	Normal	1.69	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (1.00)	Normal	-1.29	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.32	[CLS] critical low battery . [SEP]
Normal	Normal (1.00)	Normal	1.08	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.32	[CLS] critical low battery . [SEP]
Normal	Normal (1.00)	Normal	-1.10	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.64	[CLS] critically low power . [SEP]
Normal	Normal (1.00)	Normal	0.97	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.64	[CLS] critically low power . [SEP]
Normal	Normal (1.00)	Normal	1.14	[CLS] aircraft landing . [SEP]
Normal	Normal (1.00)	Normal	1.14	[CLS] aircraft landing . [SEP]
				[CLS] throttle up to reduce

Normal	Normal (1.00)	Normal	1.63	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.17	critically low voltage warning . [SEP]
Normal	Normal (1.00)	Normal	1.11	[CLS] aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.17	critically low voltage . [SEP]
Normal	Normal (1.00)	Normal	0.44	[CLS] aircraft will land [SEP]
Normal	Normal (1.00)	Normal	1.26	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (1.00)	Normal	-0.59	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (1.00)	Normal	1.32	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (1.00)	Normal	1.61	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (1.00)	Normal	1.34	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (1.00)	Normal	1.44	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (1.00)	Normal	1.43	[CLS] disable sd card read and write

				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (1.00)	CommunicationIssue	-0.92	[CLS] downlink lost .[SEP]
Normal	Normal (1.00)	Normal	0.39	[CLS] downlink restored (after 0m 2 . 9s) . [SEP]
Normal	HardwareFault (0.73)	Normal	0.98	[CLS] drone is vibrating [SEP]
Normal	Normal (1.00)	Normal	1.06	[CLS] entered cruise control mode . [SEP]
Normal	Normal (1.00)	Normal	1.10	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.88)	ParamViolation	1.74	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	-0.51	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (1.00)	Normal	1.08	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	-0.43	[CLS] ambient light is too weak [SEP]
Normal	Normal (1.00)	Normal	0.74	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	-0.64	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (1.00)	ParamViolation	0.87	[CLS] extra payload detected . [SEP]
Normal	Normal (1.00)	Normal	0.08	[CLS] flight performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.87	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	-0.10	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	-0.73	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (1.00)	Normal	1.13	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.43	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.98)	Normal	1.15	[CLS] ground plain . [SEP]
Normal	Normal (1.00)	Normal	-1.02	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.64)	ParamViolation	1.98	[CLS] high altitude . [SEP]
Normal	Normal (0.97)	Normal	0.87	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.23	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.74	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.23	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.74	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	1.23	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	1.82	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.97)	Normal	1.16	[CLS] high - altitude flight [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
Normal	ParamViolation (0.92)	Normal	0.00	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.98)	Normal	0.60	[CLS] flight time is shortened . [SEP]
Normal	Normal (1.00)	Normal	-0.18	[CLS] home

ParamViolation	SoftwareFault (0.46)	ParamViolation	-0.63	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure aircraft is level [SEP]
				[CLS] imu not calibrated . [SEP]
Normal	Normal (1.00)	Normal	0.69	[CLS] calibrate imu [SEP]
SoftwareFault	Normal (0.95)	SoftwareFault	1.18	[CLS] landing canceled . [SEP]
Normal	Normal (1.00)	Normal	0.25	[CLS] landing gear function restored [SEP]
Normal	SoftwareFault (0.84)	Normal	0.84	[CLS] landing gear paused . [SEP]
Normal	Normal (1.00)	Normal	1.11	[CLS] landing gear raising . [SEP]
Normal	Normal (1.00)	Normal	0.80	[CLS] landing gear raising . [SEP]
Normal	Normal (1.00)	Normal	1.39	[CLS] home point recorded [SEP]
Normal	Normal (0.89)	Normal	-1.12	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.24	[CLS] low power . [SEP]
Normal	Normal (1.00)	Normal	-0.57	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	1.24	[CLS] low power . [SEP]

Normal	Normal (1.00)	Normal	1.19	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	-0.18	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	0.57	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	1.38	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.69)	SurroundingEnvironment	1.61	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.92)	ParamViolation	1.44	[CLS] max altitude approached . [SEP]
Normal	Normal (1.00)	Normal	1.47	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (1.00)	ParamViolation	-0.30	[CLS] max flight altitude reached . [SEP]
Normal	Normal (1.00)	Normal	1.14	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (1.00)	ParamViolation	0.61	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (1.00)	Normal	-1.15	in main controller settings if necessary . [SEP] [CLS] maximum flight distance reached . [SEP] [CLS] adjust the distance in mc settings if required . [SEP] [CLS] mobile device cpu fully loaded . [SEP] [CLS] related performance 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
ParamViolation	ParamViolation (1.00)	ParamViolation	1.95	
Normal	Normal (1.00)	Normal	1.68	
HardwareFault	HardwareFault (0.63)	HardwareFault	-0.75	
Normal	Normal (1.00)	Normal	0.76	
SoftwareFault	Normal (0.99)	SoftwareFault	-0.13	
Normal	Normal (1.00)	Normal	1.18	
HardwareFault	HardwareFault (1.00)	HardwareFault	1.82	
Normal	Normal (1.00)	Normal	-0.74	

				assistance
				[SEP]
Normal	Normal (1.00)	Normal	1.12	[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.63	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.91)	Normal	0.97	[CLS] aircraft unable to hover . [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	1.63	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.95)	Normal	-0.28	[CLS] unable to hover . [SEP]
Normal	Normal (1.00)	Normal	1.50	[CLS] fly with caution [SEP]
Normal	Normal (1.00)	Normal	1.17	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (1.00)	Normal	1.25	[CLS] landing gear lowered . [SEP]
Normal	Normal (1.00)	Normal	1.17	[CLS] obstacle avoidance disabled . [SEP]
				[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (1.00)	Normal	1.17	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (1.00)	Normal	1.25	[CLS] landing gear lowered . [SEP]
Normal	Normal (1.00)	Normal	0.89	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] precision

				landing [SEP]
Normal	Normal (0.96)	Normal	-1.13	[CLS] quickshot has ended [SEP]
Normal	Normal (1.00)	Normal	1.02	[CLS] recenter gimbal pan [SEP]
Normal	Normal (1.00)	Normal	1.13	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	1.99	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (1.00)	Normal	1.24	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (1.00)	Normal	1.30	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (1.00)	Normal	1.17	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (1.00)	Normal	-0.92	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (1.00)	Normal	1.03	[CLS] rth : heading alignment . [SEP]
Normal	Normal (1.00)	Normal	1.22	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (1.00)	Normal	-0.68	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.99)	CommunicationIssue	2.01	[CLS] signal

				lost . [SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	1.28	returning to home point [SEP]
Normal	Normal (1.00)	Normal	-1.00	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	2.06	[CLS] strong wind warning . [SEP]
				[CLS] aircraft unable to return to home automatically . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	-0.96	
				[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (1.00)	Normal	-0.91	
				[CLS]
Normal	Normal (1.00)	Normal	1.31	switched to s (sport) - mode . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	-0.99	switched to t (tripod) - mode . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	-0.70	[CLS] take off in p - mode [SEP]
				[CLS] vision sensor error . [SEP]
SoftwareFault	SoftwareFault (0.98)	SoftwareFault	-0.70	
				[CLS] contact dji support for assistance [SEP]
Normal	Normal (1.00)	Normal	1.11	
				[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (1.00)	Normal	0.84	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	0.70	[CLS] weak gps signal . [SEP]
Normal	Normal (0.96)	Normal	0.81	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (1.00)	Normal	1.37	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (1.00)	CommunicationIssue	-0.60	[CLS] weak signal . [SEP]
Normal	Normal (1.00)	Normal	1.20	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.97)	RegulationViolation	0.71	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
Normal	Normal (1.00)	Normal	0.91	[CLS] please fly with caution [SEP]