

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.91)	SurroundingEnvironment	0.06	[CLS] a
				passenger
				aircraft is
				nearby .
				[SEP]
Normal	Normal (1.00)	Normal	33.22	[CLS] fly with
				caution [SEP]
Normal	SoftwareFault (0.81)	Normal	46.54	[CLS] account
				not logged in
				. [SEP]
				[CLS] flight
				altitude and
ParamViolation	ParamViolation (0.96)	ParamViolation	8.20	distance
				restricted to
				nnn and nnn .
				[SEP]
				[CLS] check
Normal	Normal (1.00)	Normal	34.19	and log in
				[SEP]
Normal	Normal (1.00)	Normal	-5.24	[CLS]
				activetrack
				flight paused
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	-5.87	activetrack
				available at
				max speed .
				[SEP]
				[CLS]
Normal	Normal (0.98)	Normal	-9.55	obstacle
				avoidance is
				not available
				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	-5.87	activetrack
				available at
				max speed .
				[SEP]
				[CLS] when
Normal	Normal (0.67)	Normal	-9.38	exceeding
				nnn , obstacle
				avoidance is
				not available
				[SEP]
				[CLS] aircraft

Normal	Normal (1.00)	Normal	7.69	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.94)	HardwareFault	4.65	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.98)	Normal	-2.83	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.87)	Normal	-6.75	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (1.00)	Normal	6.49	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.98)	RegulationViolation	4.80	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (1.00)	Normal	25.94	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.47)	Normal	-0.18	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (1.00)	Normal	26.44	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.99)	Normal	-4.52	[CLS] exit
				this mode and
				try again
				8.05
				Normal

				[SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	24.80	is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.92)	ParamViolation	1.48	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.99)	RegulationViolation	6.71	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (1.00)	Normal	3.74	[CLS] rth may be affected . [SEP]
Normal	Normal (1.00)	Normal	33.22	[CLS] fly with caution [SEP]
Normal	Normal (1.00)	Normal	-8.29	[CLS] arrived at start point . [SEP]
Normal	Normal (1.00)	Normal	73.86	[CLS] starting waypoint mission [SEP]
Normal	Normal (1.00)	Normal	7.80	[CLS] auto landing initiated [SEP]
Normal	Normal (0.98)	Normal	-6.62	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	6.50	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.97)	HardwareFault	-0.67	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	14.17	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.99)	Normal	0.20	home automatically [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	16.53	[CLS] battery power low . [SEP]
Normal	Normal (1.00)	Normal	8.51	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	-4.35	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.82)	SurroundingEnvironment	-2.77	[CLS] calibration subject is too close . [SEP]
Normal	Normal (1.00)	Normal	-0.15	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	SoftwareFault (0.65)	HardwareFault	-11.24	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.93)	SoftwareFault	-26.02	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	-7.80	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	34.23	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	6.62	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.51)	SoftwareFault	-5.07	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.98)	SoftwareFault	9.56	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (1.00)	Normal	-2.18	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	35.43	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.92)	SurroundingEnvironment	7.82	[CLS] no image [SEP]
Normal	Normal (1.00)	Normal	136.03	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	35.43	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.99)	SurroundingEnvironment	-1.34	[CLS] subject too large [SEP]
Normal	Normal (1.00)	Normal	33.17	[CLS] move away and retry [SEP]
Normal	Normal (1.00)	Normal	-8.21	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (1.00)	Normal	0.08	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	8.72	[CLS] compass abnormal . [SEP]
Normal	Normal (1.00)	Normal	-22.49	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (1.00)	Normal	-0.59	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.98)	Normal	-12.04	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (1.00)	Normal	10.12	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	-10.50	[CLS] compass error [SEP]
HardwareFault	SoftwareFault (0.61)	HardwareFault	-14.09	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	3.95	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	3.95	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	-2.73	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	3.95	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	9.23	[CLS] magnetic filed interference . [SEP]
Normal	Normal (1.00)	Normal	-26.27	[CLS] exit p - gps mode [SEP]

				[CLS]
SoftwareFault	HardwareFault (0.80)	SoftwareFault	-11.61	compass initialization failed . [SEP]
Normal	Normal (1.00)	Normal	4.41	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	11.62	[CLS] critical low battery . [SEP]
Normal	Normal (0.99)	Normal	-5.83	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (1.00)	Normal	9.02	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	11.62	[CLS] critical low battery . [SEP]
Normal	Normal (1.00)	Normal	-0.49	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	11.62	[CLS] critical low battery . [SEP]
Normal	Normal (1.00)	Normal	-1.02	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	2.20	[CLS] critically low power . [SEP]
Normal	Normal (0.99)	Normal	9.37	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (1.00)	HardwareFault	2.20	[CLS] critically low power . [SEP]
Normal	Normal (0.98)	Normal	-11.82	[CLS] aircraft landing ! [SEP]
Normal	Normal (0.98)	Normal	-11.82	[CLS] aircraft landing ! [SEP]
				[CLS] throttle up to reduce

Normal	Normal (1.00)	Normal	67.48	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	-9.17	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.99)	Normal	2.57	[CLS] aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (1.00)	HardwareFault	-1.66	critically low voltage . [SEP] [CLS]
Normal	Normal (1.00)	Normal	2.02	[CLS] aircraft will land [SEP] [CLS]
Normal	Normal (1.00)	Normal	10.56	[CLS] data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	-2.00	[CLS] data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	6.44	[CLS] data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	43.80	[CLS] data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	18.35	[CLS] data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (1.00)	Normal	5.68	[CLS] data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (0.96)	Normal	20.46	[CLS] disable sd card read and write

				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.98)	CommunicationIssue	8.41	[CLS] downlink lost [SEP]
Normal	Normal (1.00)	Normal	-8.17	[CLS] downlink restored (after 0m 2 . 9s). [SEP]
Normal	Normal (0.62)	Normal	-8.49	[CLS] drone is vibrating [SEP]
Normal	Normal (0.99)	Normal	10.19	[CLS] entered cruise control mode . [SEP]
Normal	Normal (1.00)	Normal	-2.91	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.55)	ParamViolation	5.22	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	41.59	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.98)	Normal	25.15	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	10.88	[CLS] ambient light is too weak [SEP]
Normal	Normal (1.00)	Normal	0.81	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	29.86	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.99)	ParamViolation	-39.98	[CLS] extra payload detected . [SEP]
Normal	Normal (1.00)	Normal	-4.09	[CLS] flight performance will be affected . [SEP]
Normal	Normal (1.00)	Normal	33.22	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	-0.69	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (1.00)	SoftwareFault	4.37	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.99)	HardwareFault	4.51	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (1.00)	Normal	4.01	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.97)	HardwareFault	5.92	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.95)	Normal	6.70	[CLS] ground plain . [SEP]
Normal	Normal (1.00)	Normal	1.42	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.65)	ParamViolation	-7.42	[CLS] high altitude . [SEP]
Normal	Normal (0.73)	Normal	3.81	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (1.00)	Normal	33.22	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	14.89	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	354.04	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	14.89	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	354.04	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (1.00)	SurroundingEnvironment	14.89	[CLS] high wind velocity . [SEP]
Normal	Normal (1.00)	Normal	15.33	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.49)	Normal	-9.73	[CLS] high - altitude flight [SEP]
Normal	Normal (1.00)	Normal	33.22	[CLS] fly with caution [SEP]
Normal	Normal (0.94)	Normal	17.58	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.69)	Normal	94.92	[CLS] flight time is shortened . [SEP]
Normal	Normal (1.00)	Normal	-8.16	[CLS] home

ParamViolation	SoftwareFault (0.70)	ParamViolation	-4.40	point updated
				. [SEP]
				[CLS] imu
				attitude
Normal	Normal (1.00)	Normal	50.77	restricted .
				[SEP]
				[CLS] ensure
				aircraft is
SoftwareFault	Normal (0.74)	SoftwareFault	-0.77	level [SEP]
				[CLS] imu not
				calibrated .
				[SEP]
Normal	Normal (0.97)	Normal	-11.96	[CLS]
				calibrate imu
				[SEP]
				[CLS] landing
Normal	Normal (0.97)	Normal	13.79	canceled .
				[SEP]
				[CLS] landing
				gear function
Normal	Normal (1.00)	Normal	39.30	restored
				[SEP]
				[CLS] landing
				gear paused .
Normal	Normal (0.99)	Normal	-6.96	[SEP]
				[CLS] landing
				gear raising .
				[SEP]
Normal	Normal (1.00)	Normal	41.18	[CLS] home
				point
				recorded
				[SEP]
Normal	Normal (0.85)	Normal	-29.88	[CLS] live
				stream video
				frame rate
				less than 9hz
Normal	Normal (1.00)	Normal	33.22	. [SEP]
				[CLS] fly with
				caution [SEP]
				[CLS] low
HardwareFault	HardwareFault (0.98)	HardwareFault	2.38	power . [SEP]
				[CLS] aircraft
				is returning
				to the home
Normal	Normal (1.00)	Normal	1.47	point . [SEP]
				[CLS] low
				power . [SEP]

Normal	Normal (0.98)	Normal	-93.10	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	9.23	[CLS] magnetic filed interference . [SEP]
				[CLS] exit p -
				gps mode . [SEP]
HardwareFault	HardwareFault (0.96)	HardwareFault	37.18	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.50)	SurroundingEnvironment	0.58	[CLS] manned aircraft detected nearby . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] max altitude approached . [SEP]
ParamViolation	Normal (0.99)	ParamViolation	4.34	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (1.00)	ParamViolation	7.57	[CLS] max flight altitude reached . [SEP]
				[CLS] adjust in main controller settings if necessary [SEP]
				[CLS] max flight distance reached . [SEP]
Normal	Normal (1.00)	Normal	28.58	[CLS] adjust
ParamViolation	ParamViolation (0.99)	ParamViolation	12.01	[CLS] adjust

Normal	Normal (1.00)	Normal	8.02	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
HardwareFault	HardwareFault (0.66)	HardwareFault	4.69	and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
Normal	Normal (1.00)	Normal	11.72	is blocked . [SEP]
				[CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or
				contact dji support for
SoftwareFault	Normal (0.95)	SoftwareFault	2.75	
HardwareFault	HardwareFault (0.99)	HardwareFault	9.74	
Normal	Normal (1.00)	Normal	-0.46	
HardwareFault	HardwareFault (0.99)	HardwareFault	9.74	
Normal	Normal (1.00)	Normal	12.62	

Normal	Normal (1.00)	Normal	-2.68	assistance
				[SEP]
				[CLS] motors
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	-36.23	started .
				[SEP]
				[CLS] no gps
Normal	HardwareFault (0.58)	Normal	-8.60	signal . [SEP]
				[CLS] aircraft
				unable to
Normal	Normal (1.00)	Normal	33.22	hover . [SEP]
				[CLS] fly with
				caution [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	-36.23	[CLS] no gps
				signal . [SEP]
				[CLS] unable
Normal	HardwareFault (0.92)	Normal	-4.21	to hover .
				[SEP]
				[CLS] fly with
Normal	Normal (1.00)	Normal	33.22	caution [SEP]
				[CLS]
				obstacle
Normal	Normal (1.00)	Normal	18.75	avoidance
				disabled .
				[SEP]
Normal	Normal (1.00)	Normal	-4.46	[CLS] landing
				gear lowered
				. [SEP]
Normal	Normal (1.00)	Normal	18.75	[CLS]
				obstacle
				avoidance
Normal	Normal (1.00)	Normal	18.75	disabled .
				[SEP]
				[CLS]
Normal	Normal (1.00)	Normal	18.75	obstacle
				avoidance
				disabled .
Normal	Normal (1.00)	Normal	-4.46	[SEP]
				[CLS] landing
				gear lowered
Normal	Normal (1.00)	Normal	29.32	. [SEP]
				[CLS]
				obstacle
Normal	Normal (1.00)	Normal	16.30	avoidance has
				been disabled
				. [SEP]
Normal	Normal (1.00)	Normal	16.30	[CLS]
				precision

Normal	Normal (0.99)	Normal	-26.03	landing [SEP]
				[CLS]
				quickshot has ended [SEP]
Normal	Normal (1.00)	Normal	27.56	[CLS]
				recenter
				gimbal pan [SEP]
Normal	Normal (1.00)	Normal	87.70	[CLS]
				rectifying
				aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	22.23	[CLS] remote
				controller in
				high interference environment . [SEP]
Normal	Normal (1.00)	Normal	-0.30	[CLS]
				manually
				adjust flight route or return to home [SEP]
Normal	Normal (1.00)	Normal	19.91	[CLS] return -
				to - home
				altitude : 65ft [SEP]
Normal	Normal (1.00)	Normal	-10.88	[CLS] return -
				to - home
				altitude : 98ft . [SEP]
Normal	Normal (1.00)	Normal	-15.30	[CLS] rth :
				ascending to
				rth altitude . [SEP]
Normal	Normal (1.00)	Normal	29.29	[CLS] rth :
				heading
				alignment . [SEP]
Normal	Normal (1.00)	Normal	9.02	[CLS] rth
				altitude : 65ft
				. [SEP]
Normal	Normal (1.00)	Normal	9.80	[CLS] rth
				altitude : 98ft
				. [SEP]
CommunicationIssue	CommunicationIssue (0.86)	CommunicationIssue	6.65	[CLS] signal

				lost . [SEP]
				[CLS] aircraft
Normal	Normal (1.00)	Normal	4.35	returning to home point [SEP]
Normal	Normal (1.00)	Normal	-32.00	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.99)	SurroundingEnvironment	18.48	[CLS] strong wind warning [SEP]
				[CLS] aircraft
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	2.80	unable to return to home automatically [SEP]
				[CLS] lower altitude immediately
Normal	Normal (1.00)	Normal	4.96	and return to home manually [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	30.70	switched to s (sport) - mode . [SEP]
				[CLS]
Normal	Normal (1.00)	Normal	-11.06	switched to t (tripod) - mode . [SEP]
				[CLS] take off
Normal	Normal (1.00)	Normal	-5.25	in p - mode [SEP]
				[CLS] vision
SoftwareFault	SoftwareFault (0.95)	SoftwareFault	-0.42	sensor error . [SEP]
				[CLS] contact
Normal	Normal (1.00)	Normal	3.37	dji support for assistance [SEP]
				[CLS] vision
Normal	Normal (1.00)	Normal	2.75	systems and obstacle avoidance disabled [SEP]

Normal	Normal (1.00)	Normal	0.71	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (0.99)	SoftwareFault	-28.81	[CLS] weak gps signal . [SEP]
Normal	Normal (0.86)	Normal	-4.52	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (1.00)	Normal	6.94	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (0.98)	CommunicationIssue	-68.90	[CLS] weak signal . [SEP]
Normal	Normal (1.00)	Normal	-8.58	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.95)	RegulationViolation	20.80	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
Normal	Normal (1.00)	Normal	-34.83	[CLS] please fly with caution [SEP]