

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.94)	Normal	0.01	[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 (0.87)	ParamViolation	2.29	[CLS] check and log in [SEP]
Normal	Normal (0.94)	Normal	1.21	[CLS] activetrack flight paused [SEP]
Normal	Normal (0.94)	Normal	0.58	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.94)	Normal	0.68	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.94)	Normal	0.14	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.94)	Normal	0.68	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.94)	Normal	0.05	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.94)	Normal	0.05	[CLS] aircraft

Normal	Normal (0.94)	Normal	0.10	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.91)	HardwareFault	2.52	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.94)	Normal	0.34	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.88)	Normal	-2.14	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.94)	Normal	0.62	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.83)	RegulationViolation	1.97	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.94)	Normal	-0.16	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.94)	Normal	0.02	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.94)	Normal	0.75	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.94)	Normal	0.13	[CLS] exit
				this mode and
				try again
Normal	Normal (0.94)	Normal	0.93	

				[SEP]
Normal	Normal (0.94)	Normal	0.45	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	2.07	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.80)	RegulationViolation	2.26	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.94)	Normal	-0.73	[CLS] rth may be affected . [SEP]
Normal	Normal (0.94)	Normal	1.19	[CLS] fly with caution [SEP]
Normal	Normal (0.94)	Normal	0.02	[CLS] arrived at start point . [SEP]
Normal	Normal (0.94)	Normal	0.31	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.94)	Normal	1.12	[CLS] auto landing initiated [SEP]
Normal	Normal (0.94)	Normal	-0.41	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.90	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.91	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.28	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.94)	Normal	0.25	home automatically [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.88	[CLS] battery power low . [SEP]
Normal	Normal (0.94)	Normal	0.87	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.66)	Normal	1.79	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.90)	SoftwareFault	1.30	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.94)	Normal	0.05	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.92	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.10	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.68	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.49	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.25	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.58)	ParamViolation	0.05	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.11	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.94)	Normal	1.37	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.19	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.88)	SoftwareFault	0.79	[CLS] no image [SEP]
Normal	Normal (0.94)	Normal	0.65	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.19	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.90)	SoftwareFault	1.46	[CLS] subject too large [SEP]
Normal	Normal (0.94)	Normal	0.78	[CLS] move away and retry [SEP]
Normal	Normal (0.94)	Normal	0.34	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.94)	Normal	0.78	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.65	[CLS] compass abnormal . [SEP]
Normal	Normal (0.94)	Normal	-0.03	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.94)	Normal	-1.10	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.94)	Normal	0.09	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.94)	Normal	0.55	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.24	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.47)	HardwareFault	1.23	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.31	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.31	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.58	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.31	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.56	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.94)	Normal	0.41	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.91)	HardwareFault	0.09	[CLS]
				compass
				initialization
Normal	Normal (0.94)	Normal	0.65	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.95	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.94)	Normal	0.62	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.94)	Normal	0.26	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.92)	HardwareFault	1.95	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.94)	Normal	0.81	low battery .
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.92)	HardwareFault	1.95	landing
				automatically
				[SEP]
Normal	Normal (0.94)	Normal	0.64	[CLS] critical
				low battery .
				[SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.99	[CLS] return
				to home or
				land promptly
Normal	Normal (0.94)	Normal	0.63	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.92)	HardwareFault	1.99	power . [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.94)	Normal	0.40	[SEP]
				[CLS]
				critically low
Normal	Normal (0.94)	Normal	0.40	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.94)	Normal	0.40	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.94)	Normal	0.76	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.96	critically low voltage warning . [SEP] [CLS] aircraft
Normal	Normal (0.94)	Normal	-0.48	will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.92)	HardwareFault	2.00	critically low voltage . [SEP] [CLS] aircraft
Normal	Normal (0.94)	Normal	0.63	will land [SEP] [CLS] data
Normal	Normal (0.94)	Normal	0.46	recorder file index is 15 . [SEP] [CLS] data
Normal	Normal (0.94)	Normal	0.31	recorder file index is 17 . [SEP] [CLS] data
Normal	Normal (0.94)	Normal	0.48	recorder file index is 30 . [SEP] [CLS] data
Normal	Normal (0.94)	Normal	0.21	recorder file index is 45 . [SEP] [CLS] data
Normal	Normal (0.94)	Normal	0.24	recorder file index is 46 . [SEP] [CLS] data
Normal	Normal (0.94)	Normal	0.39	recorder file index is 65 . [SEP] [CLS] disable
Normal	Normal (0.94)	Normal	0.78	sd card read and write



				protection or change card [SEP]
				[CLS]
CommunicationIssue	CommunicationIssue (0.83)	CommunicationIssue	1.78	downlink lost [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	0.23	downlink restored ( after 0m 2 . 9s ) . [SEP]
				[CLS] drone
Normal	HardwareFault (0.88)	HardwareFault	-1.80	is vibrating [SEP]
				[CLS] entered
Normal	Normal (0.94)	Normal	0.70	cruise control mode . [SEP]
				[CLS] press
Normal	Normal (0.94)	Normal	0.10	c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.84)	ParamViolation	2.16	excessive attitude angle detected [SEP]
				[CLS] forward
SoftwareFault	SoftwareFault (0.78)	SoftwareFault	1.35	obstacle avoidance has stopped working [SEP]
				[CLS] exit
Normal	Normal (0.94)	Normal	0.13	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	2.06	ambient light is too weak [SEP]
				[CLS] exited
Normal	Normal (0.94)	Normal	0.45	visual avoidance system . [SEP]
				[CLS] exiting
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.25	gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.87)	ParamViolation	1.83	[CLS] extra payload detected . [SEP]
Normal	Normal (0.94)	Normal	-0.01	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.94)	Normal	1.19	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.79	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.88	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	2.12	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.94)	Normal	0.46	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.87	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.93)	Normal	-1.71	[CLS] ground plain . [SEP]
Normal	Normal (0.94)	Normal	0.54	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.80)	ParamViolation	1.67	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.75)	ParamViolation	-2.38	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.94)	Normal	1.19	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.78	[CLS] high wind velocity . [SEP]
Normal	Normal (0.94)	Normal	0.76	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.78	[CLS] high wind velocity . [SEP]
Normal	Normal (0.94)	Normal	0.76	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.78	[CLS] high wind velocity . [SEP]
Normal	Normal (0.94)	Normal	0.48	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.78)	ParamViolation	-2.06	[CLS] high - altitude flight [SEP]
Normal	Normal (0.94)	Normal	1.19	[CLS] fly with caution [SEP]
Normal	ParamViolation (0.47)	ParamViolation	-1.08	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.82)	ParamViolation	-2.01	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.94)	Normal	0.32	[CLS] home

ParamViolation	ParamViolation (0.35)	ParamViolation	1.41	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (0.94)	Normal	0.85	aircraft is level [SEP]
SoftwareFault	Normal (0.94)	Normal	-0.75	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	0.28	calibrate imu [SEP]
Normal	Normal (0.93)	Normal	-1.00	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.94)	Normal	0.86	[CLS] landing gear paused . [SEP]
Normal	Normal (0.94)	Normal	0.73	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.94)	Normal	0.57	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.94)	Normal	1.19	[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.81	[CLS] aircraft is returning to the home point . [SEP]
Normal	Normal (0.94)	Normal	0.37	[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.81	

Normal	Normal (0.94)	Normal	0.67	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.56	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.94)	Normal	0.38	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	2.13	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.44)	SurroundingEnvironment	0.77	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.94)	Normal	1.19	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	1.44	[CLS] max altitude approached . [SEP]
Normal	Normal (0.94)	Normal	0.26	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	1.96	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.94)	Normal	0.79	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.87)	ParamViolation	1.97	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.94)	Normal	0.77	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	ParamViolation (0.87)	ParamViolation	2.06	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 (0.94)	Normal	0.92	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
HardwareFault	HardwareFault (0.90)	HardwareFault	2.25	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.94)	Normal	-0.16	
SoftwareFault	Normal (0.91)	Normal	-0.03	
Normal	Normal (0.94)	Normal	0.18	
HardwareFault	HardwareFault (0.92)	HardwareFault	1.55	
Normal	Normal (0.94)	Normal	0.64	

Normal	HardwareFault (0.91)	HardwareFault	-1.84	assistance [SEP]
				[CLS] motors started . [SEP]
				[CLS] no gps signal . [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.61	[CLS] aircraft unable to hover . [SEP]
Normal	HardwareFault (0.90)	HardwareFault	-1.33	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.61	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.91)	HardwareFault	-1.47	[CLS] unable to hover . [SEP]
Normal	Normal (0.94)	Normal	1.19	[CLS] fly with caution [SEP]
Normal	Normal (0.94)	Normal	0.43	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.94)	Normal	0.68	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.94)	Normal	0.43	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.94)	Normal	0.43	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.94)	Normal	0.68	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.94)	Normal	0.25	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.94)	Normal	1.55	[CLS] precision

				landing [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	0.31	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	-0.08	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	0.22	rectifying aircraft position [SEP]
				[CLS] remote controller in high interference environment . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	2.01	
				[CLS]
Normal	Normal (0.94)	Normal	0.89	manually adjust flight route or return to home [SEP]
				[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.94)	Normal	0.57	
				[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.94)	Normal	0.49	
				[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.94)	Normal	0.17	
				[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.94)	Normal	0.17	
				[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.94)	Normal	-0.20	
				[CLS] rth altitude : 98ft . [SEP]
Normal	Normal (0.94)	Normal	-0.30	
				[CLS] signal
CommunicationIssue	CommunicationIssue (0.82)	CommunicationIssue	1.44	



				lost . [SEP]
				[CLS] aircraft
Normal	Normal (0.94)	Normal	-0.04	returning to home point [SEP]
				[CLS] sprayer
Normal	Normal (0.94)	Normal	0.97	turned on [SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.88)	SurroundingEnvironment	1.65	wind warning [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.45	return to home automatically [SEP]
				[CLS] lower
				altitude
				immediately
Normal	Normal (0.94)	Normal	0.86	and return to home manually [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	0.47	switched to s ( sport ) - mode . [SEP]
				[CLS]
Normal	Normal (0.94)	Normal	0.47	switched to t ( tripod ) - mode . [SEP]
				[CLS] take off
Normal	Normal (0.94)	Normal	0.04	in p - mode [SEP]
				[CLS] vision
SoftwareFault	HardwareFault (0.85)	HardwareFault	0.17	sensor error . [SEP]
				[CLS] contact
Normal	Normal (0.94)	Normal	0.30	dji support for assistance [SEP]
				[CLS] vision
				systems and
				obstacle
Normal	Normal (0.94)	Normal	0.25	avoidance disabled [SEP]

Normal	Normal (0.94)	Normal	0.52	[CLS] waypoint mission paused [SEP]
				[CLS] weak
				gps signal .
				[SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.59	[CLS] aircraft
				is in attitude
				mode and
				hovering may
Normal	Normal (0.94)	Normal	0.58	be unstable .
				[SEP]
				[CLS] fly with
				caution .
Normal	Normal (0.94)	Normal	0.81	[SEP]
				[CLS] weak
				signal . [SEP]
				[CLS] adjust
CommunicationIssue	CommunicationIssue (0.83)	CommunicationIssue	1.52	antennas
				[SEP]
				[CLS] your
				aircraft is
RegulationViolation	RegulationViolation (0.83)	RegulationViolation	2.65	flying in an
				altitude zone
				( nnn ) . [SEP]
				[CLS] please
Normal	Normal (0.94)	Normal	0.93	fly with
				caution [SEP]