

**Legend:** ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.95)	Normal	0.76	[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]
Normal	Normal (0.95)	Normal	0.89	[CLS] check and log in [SEP]
Normal	Normal (0.92)	Normal	-0.46	[CLS] activetrack flight paused [SEP]
ParamViolation	ParamViolation (0.77)	ParamViolation	2.27	[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.95)	Normal	0.81	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.95)	Normal	0.56	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.95)	Normal	0.86	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.95)	Normal	0.02	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.95)	Normal	0.86	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.95)	Normal	0.04	[CLS] aircraft

Normal	Normal (0.95)	Normal	0.04	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	HardwareFault (0.91)	HardwareFault	2.42	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.95)	Normal	0.52	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.91)	Normal	-1.91	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.95)	Normal	0.79	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	RegulationViolation (0.49)	RegulationViolation	1.78	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.95)	Normal	0.76	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.95)	Normal	0.31	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.95)	Normal	0.76	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.95)	Normal	0.42	[CLS] exit
				this mode and
				try again
Normal	Normal (0.95)	Normal	1.10	

				[SEP]
Normal	Normal (0.95)	Normal	0.84	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.77)	ParamViolation	1.99	[CLS] aircraft out of range [SEP]
RegulationViolation	RegulationViolation (0.46)	RegulationViolation	2.27	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.95)	Normal	0.44	[CLS] rth may be affected . [SEP]
Normal	Normal (0.95)	Normal	0.89	[CLS] fly with caution [SEP]
Normal	Normal (0.95)	Normal	0.49	[CLS] arrived at start point . [SEP]
Normal	Normal (0.95)	Normal	0.64	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.95)	Normal	0.93	[CLS] auto landing initiated [SEP]
Normal	Normal (0.95)	Normal	0.51	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	2.00	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.72	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.13	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.95)	Normal	0.86	home automatically [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.73	[CLS] battery power low . [SEP]
Normal	Normal (0.95)	Normal	1.05	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.89)	Normal	1.44	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.88)	SoftwareFault	-1.23	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.95)	Normal	0.21	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.81)	HardwareFault	1.55	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.05	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.68	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.46	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.20	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.50)	ParamViolation	0.05	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.04	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.95)	Normal	1.08	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.18	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.87)	SoftwareFault	-1.28	[CLS] no image [SEP]
Normal	Normal (0.95)	Normal	0.71	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.18	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.88)	SoftwareFault	-0.99	[CLS] subject too large [SEP]
Normal	Normal (0.95)	Normal	0.76	[CLS] move away and retry [SEP]
Normal	Normal (0.95)	Normal	0.93	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.95)	Normal	0.84	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.41	[CLS] compass abnormal . [SEP]
Normal	Normal (0.95)	Normal	0.04	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.95)	Normal	0.14	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.95)	Normal	0.40	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.95)	Normal	0.57	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.17	[CLS] compass error [SEP]
HardwareFault	SoftwareFault (0.49)	SoftwareFault	0.70	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.23	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.23	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.42	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.23	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.38	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.95)	Normal	0.70	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.86)	HardwareFault	-0.07	[CLS]
				compass
				initialization
Normal	Normal (0.95)	Normal	0.65	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.57	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.95)	Normal	0.83	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.95)	Normal	0.71	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.92)	HardwareFault	1.57	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.95)	Normal	0.72	low battery .
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.92)	HardwareFault	1.57	landing
				automatically
				[SEP]
Normal	Normal (0.95)	Normal	0.89	[CLS] critical
				low battery .
				[SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.73	[CLS] return
				to home or
				land promptly
Normal	Normal (0.95)	Normal	0.64	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.91)	HardwareFault	1.73	power . [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.95)	Normal	0.43	[SEP]
				[CLS]
				critically low
Normal	Normal (0.95)	Normal	0.43	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.95)	Normal	0.43	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.95)	Normal	0.49	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.67	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.28	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.81	critically low voltage . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.54	aircraft will land [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.40	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.42	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.49	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.43	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.40	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.48	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (0.95)	Normal	0.91	disable sd card read and write



				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.57)	CommunicationIssue	1.73	[CLS] downlink lost . [SEP]
				[CLS]
Normal	Normal (0.95)	Normal	0.58	downlink restored ( after 0m 2 . 9s ) . [SEP]
Normal	HardwareFault (0.81)	HardwareFault	-1.69	[CLS] drone is vibrating [SEP]
Normal	Normal (0.95)	Normal	0.73	[CLS] entered cruise control mode . [SEP]
Normal	Normal (0.95)	Normal	0.65	[CLS] press c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	ParamViolation (0.73)	ParamViolation	2.03	excessive attitude angle detected [SEP]
				[CLS] forward obstacle
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.67	avoidance has stopped working [SEP]
				[CLS] exit
Normal	Normal (0.95)	Normal	0.45	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.68	ambient light is too weak [SEP]
				[CLS] exited
Normal	Normal (0.95)	Normal	0.53	visual avoidance system . [SEP]
				[CLS] exiting gps mode : unknown error [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.13	

ParamViolation	ParamViolation (0.77)	ParamViolation	1.84	[CLS] extra payload detected . [SEP]
Normal	Normal (0.95)	Normal	0.38	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.95)	Normal	0.89	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.82	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.90	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.90	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.95)	Normal	0.63	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	2.12	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.94)	Normal	-0.06	[CLS] ground plain . [SEP]
Normal	Normal (0.95)	Normal	0.52	[CLS] safe to land . [SEP]
ParamViolation	ParamViolation (0.74)	ParamViolation	1.61	[CLS] high altitude . [SEP]
Normal	ParamViolation (0.77)	ParamViolation	-2.55	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.95)	Normal	0.89	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.54	[CLS] high wind velocity . [SEP]
Normal	Normal (0.95)	Normal	0.59	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.54	[CLS] high wind velocity . [SEP]
Normal	Normal (0.95)	Normal	0.59	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.54	[CLS] high wind velocity . [SEP]
Normal	Normal (0.95)	Normal	0.88	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.68)	ParamViolation	-2.06	[CLS] high - altitude flight [SEP]
Normal	Normal (0.95)	Normal	0.89	[CLS] fly with caution [SEP]
Normal	Normal (0.35)	Normal	-1.58	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.76)	ParamViolation	-1.91	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.95)	Normal	0.51	[CLS] home

ParamViolation	ParamViolation (0.38)	ParamViolation	1.53	point updated
				. [SEP]
				[CLS] imu
Normal	Normal (0.95)	Normal	0.59	attitude
				restricted .
				[SEP]
SoftwareFault	Normal (0.95)	Normal	-0.23	[CLS] ensure
				aircraft is
				level [SEP]
Normal	Normal (0.95)	Normal	0.57	[CLS] imu not
				calibrated .
				[SEP]
Normal	Normal (0.95)	Normal	-0.47	[CLS]
				calibrate imu
				[SEP]
Normal	Normal (0.94)	Normal	0.69	[CLS] landing
				canceled .
				[SEP]
Normal	Normal (0.95)	Normal	0.41	[CLS] landing
				gear function
				restored
Normal	Normal (0.95)	Normal	0.73	[SEP]
				[CLS] landing
				gear raising .
Normal	Normal (0.95)	Normal	0.72	[SEP]
				[CLS] home
				point
Normal	Normal (0.58)	Normal	-1.66	recorded
				[SEP]
				[CLS] live
Normal	Normal (0.95)	Normal	0.89	stream video
				frame rate
				less than 9hz
HardwareFault	HardwareFault (0.92)	HardwareFault	1.63	. [SEP]
				[CLS] fly with
				caution [SEP]
Normal	Normal (0.95)	Normal	0.78	[CLS] low
				power . [SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.92)	HardwareFault	1.63	is returning
				to the home
				point . [SEP]
HardwareFault	HardwareFault (0.92)	HardwareFault	1.63	[CLS] low
				power . [SEP]

Normal	Normal (0.95)	Normal	0.63	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.38	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.95)	Normal	0.56	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.91)	HardwareFault	1.83	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.38)	SurroundingEnvironment	1.29	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.95)	Normal	0.89	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.73)	ParamViolation	1.44	[CLS] max altitude approached . [SEP]
Normal	Normal (0.95)	Normal	0.13	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	ParamViolation (0.78)	ParamViolation	1.89	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.95)	Normal	0.84	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	ParamViolation (0.77)	ParamViolation	1.98	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.95)	Normal	0.67	in main controller settings if necessary .
				[SEP]
ParamViolation	ParamViolation (0.77)	ParamViolation	2.14	[CLS]
				maximum flight distance reached .
Normal	Normal (0.95)	Normal	0.68	[SEP]
				[CLS] adjust the distance in mc settings if required .
HardwareFault	HardwareFault (0.78)	HardwareFault	1.98	[SEP]
				[CLS] mobile device cpu fully loaded .
Normal	Normal (0.95)	Normal	0.41	[SEP]
				[CLS] related performance will be affected .
SoftwareFault	Normal (0.82)	Normal	0.15	[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 (0.95)	Normal	0.26	[SEP]
				[CLS] motor is blocked .
HardwareFault	HardwareFault (0.91)	HardwareFault	1.65	[SEP]
				[CLS] motor stuck .
Normal	Normal (0.95)	Normal	0.77	[CLS] check for objects blocking motor or contact dji support for

Normal	HardwareFault (0.90)	HardwareFault	-1.98	assistance [SEP]
				[CLS] motors started .
				[SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.80	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.91)	HardwareFault	-1.01	[CLS] aircraft unable to hover . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] no gps signal . [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.80	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.91)	HardwareFault	-1.10	[CLS] unable to hover .
				[SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.95)	Normal	0.89	[CLS]
				obstacle avoidance disabled .
				[SEP]
Normal	Normal (0.95)	Normal	0.54	[CLS] landing gear lowered . [SEP]
				[CLS]
				obstacle avoidance disabled .
Normal	Normal (0.95)	Normal	0.25	[SEP]
				[CLS]
				obstacle avoidance disabled .
Normal	Normal (0.95)	Normal	0.25	[SEP]
				[CLS] landing gear lowered . [SEP]
				[CLS]
Normal	Normal (0.95)	Normal	0.25	obstacle avoidance has been disabled . [SEP]
				[CLS]
				precision

Normal	Normal (0.95)	Normal	0.70	landing [SEP]
				[CLS]
				quickshot has ended [SEP]
Normal	Normal (0.95)	Normal	0.68	[CLS]
				recenter gimbal pan
				[SEP]
Normal	Normal (0.95)	Normal	0.58	[CLS]
				rectifying aircraft
				position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.68	[CLS] remote controller in high
				interference environment .
				[SEP]
Normal	Normal (0.95)	Normal	0.99	[CLS]
				manually adjust flight route or
				return to home [SEP]
Normal	Normal (0.95)	Normal	0.67	[CLS] return -
				to - home altitude : 65ft
				[SEP]
Normal	Normal (0.95)	Normal	0.45	[CLS] return -
				to - home altitude : 98ft
				. [SEP]
Normal	Normal (0.95)	Normal	0.76	[CLS] rth :
				ascending to rth altitude .
				[SEP]
Normal	Normal (0.95)	Normal	0.83	[CLS] rth :
				heading alignment .
				[SEP]
Normal	Normal (0.95)	Normal	0.53	[CLS] rth
				altitude : 65ft
				. [SEP]
Normal	Normal (0.95)	Normal	0.42	[CLS] rth
				altitude : 98ft
				. [SEP]
CommunicationIssue	CommunicationIssue (0.54)	CommunicationIssue	1.44	[CLS] signal



Normal	Normal (0.95)	Normal	0.82	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.95)	Normal	1.08	[CLS] sprayer
				turned on [SEP]
				[CLS] strong
SurroundingEnvironment	SurroundingEnvironment (0.62)	SurroundingEnvironment	1.37	wind warning . [SEP]
				[CLS] aircraft
				unable to
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.24	return to home automatically . [SEP]
				[CLS] lower
				altitude
Normal	Normal (0.95)	Normal	0.90	immediately
				and return to home manually [SEP]
				[CLS]
Normal	Normal (0.95)	Normal	0.82	switched to s ( sport ) - mode . [SEP]
				[CLS]
				switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.95)	Normal	0.77	[CLS] take off
				in p - mode [SEP]
				[CLS] vision
SoftwareFault	SoftwareFault (0.53)	SoftwareFault	0.74	sensor error . [SEP]
				[CLS] contact
				dji support for assistance [SEP]
Normal	Normal (0.95)	Normal	0.69	[CLS] vision
				systems and
				obstacle
Normal	Normal (0.95)	Normal	0.21	avoidance
				disabled
				[SEP]

Normal	Normal (0.95)	Normal	0.31	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (0.88)	SoftwareFault	1.75	[CLS] weak gps signal . [SEP]
Normal	Normal (0.95)	Normal	0.58	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.95)	Normal	0.62	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (0.57)	CommunicationIssue	1.51	[CLS] weak signal . [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.50)	RegulationViolation	2.65	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.95)	Normal	0.92	[CLS] please fly with caution [SEP]