

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.62)	SurroundingEnvironment	2.37	[CLS] a passenger aircraft is nearby . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] flight altitude and distance restricted to nnn and nnn . [SEP]
Normal	Normal (0.26)	Normal	-1.34	[CLS] check and log in [SEP]
ParamViolation	Normal (0.64)	ParamViolation	1.86	[CLS] activetrack flight paused [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.51)	Normal	0.43	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.80)	Normal	1.24	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.79)	Normal	1.65	[CLS] aircraft
Normal	Normal (0.71)	Normal	1.27	[CLS] aircraft
Normal	Normal (0.79)	Normal	1.65	[CLS] aircraft
Normal	Normal (0.61)	Normal	1.18	[CLS] aircraft

Normal	Normal (0.60)	Normal	1.12	activetrack
				max speed of
				nnn and
				obstacle
				avoidance
HardwareFault	Normal (0.34)	HardwareFault	1.90	functions
				normally
				[SEP]
				[CLS] aircraft
				core board
Normal	Normal (0.77)	Normal	1.73	overheated
				[SEP]
				[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.75)	Normal	1.21	[SEP]
				[CLS] current
				flight speed is
				nnn . [SEP]
				[CLS] press
Normal	Normal (0.59)	Normal	1.23	c2 to exit
				[SEP]
				[CLS] aircraft
				flight control
				unlocked
RegulationViolation	Normal (0.79)	RegulationViolation	-0.55	[SEP]
				[CLS] aircraft
				in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.60)	Normal	1.31	map to find
				recommended
				zones [SEP]
				[CLS] aircraft
				is in attitude
Normal	Normal (0.54)	Normal	0.79	mode , so that
				it will not
				hover . [SEP]
				[CLS] please
				fly with
Normal	Normal (0.81)	Normal	0.97	caution .
				[SEP]
				[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.87)	Normal	1.48	[CLS] exit
				this mode and
				try again
				-0.27
				SoftwareFault (0.31)

				[SEP]
				[CLS] aircraft is returning
Normal	Normal (0.84)	Normal	1.51	to the starting point [SEP]
ParamViolation	Normal (0.66)	ParamViolation	0.95	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.80)	RegulationViolation	-0.85	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.65)	Normal	1.03	[CLS] rth may be affected . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] fly with caution [SEP]
Normal	Normal (0.60)	Normal	1.50	[CLS] arrived at start point . [SEP]
Normal	Normal (0.66)	Normal	1.75	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.95)	Normal	1.49	[CLS] auto landing initiated [SEP]
Normal	Normal (0.36)	Normal	-1.07	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.50)	SoftwareFault	1.56	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	Normal (0.38)	HardwareFault	2.08	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.40	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.91)	Normal	1.48	home automatically [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.81	[CLS] battery power low . [SEP]
Normal	Normal (0.51)	Normal	1.03	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.38)	HardwareFault	1.74	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.36)	SurroundingEnvironment	1.15	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.52)	Normal	0.50	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.47)	HardwareFault	1.88	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.82)	SoftwareFault	0.87	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.47)	HardwareFault	1.59	[CLS] low battery [SEP] [CLS] cannot start return
SoftwareFault	Normal (0.37)	SoftwareFault	1.61	to home due to weak gps signal [SEP]
SoftwareFault	HardwareFault (0.28)	SoftwareFault	0.71	[CLS] cannot start self - timer . [SEP] [CLS]
SoftwareFault	Normal (0.54)	SoftwareFault	-1.09	exposure time is too long [SEP]

SoftwareFault	Normal (0.84)	SoftwareFault	1.28	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.71)	Normal	1.20	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.38)	SoftwareFault	1.45	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.33)	SurroundingEnvironment	-0.93	[CLS] no image [SEP]
Normal	Normal (0.61)	Normal	1.12	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.38)	SoftwareFault	1.45	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.24)	SurroundingEnvironment	0.96	[CLS] subject too large [SEP]
Normal	Normal (0.61)	Normal	1.04	[CLS] move away and retry [SEP]
Normal	Normal (0.41)	Normal	-0.03	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.65)	Normal	1.26	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.39)	HardwareFault	1.06	[CLS] compass abnormal . [SEP]
Normal	Normal (0.47)	Normal	0.32	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.24)	Normal	-0.89	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.75)	Normal	1.12	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.71)	Normal	1.66	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.62)	HardwareFault	1.42	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.70	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.58)	HardwareFault	1.33	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.58)	HardwareFault	1.33	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.42)	HardwareFault	1.34	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.58)	HardwareFault	1.33	[CLS] compass error . [SEP]
SurroundingEnvironment	Normal (0.28)	SurroundingEnvironment	1.78	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.82)	Normal	1.48	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.49)	SoftwareFault	0.74	[CLS]
				compass
				initialization
				failed . [SEP]
Normal	Normal (0.96)	Normal	1.36	[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.72	[CLS] critical
				low battery . [SEP]
Normal	Normal (0.78)	Normal	1.44	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.87)	Normal	1.19	. [SEP]
				[CLS] forced
				landing in
				progress
HardwareFault	HardwareFault (0.49)	HardwareFault	1.72	[SEP]
				[CLS] critical
Normal	Normal (0.95)	Normal	1.64	low battery . [SEP]
				[CLS] aircraft
				landing
HardwareFault	HardwareFault (0.49)	HardwareFault	1.72	automatically
				[SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.72	[CLS] critical
				low battery . [SEP]
				[CLS] return
Normal	Normal (0.89)	Normal	1.99	to home or
				land promptly
HardwareFault	Normal (0.33)	HardwareFault	1.70	[SEP]
				[CLS]
				critically low
Normal	Normal (0.89)	Normal	1.19	power . [SEP]
				[CLS] aircraft
HardwareFault	Normal (0.33)	HardwareFault	1.70	is landing
				[SEP]
				[CLS]
Normal	Normal (0.92)	Normal	1.21	critically low
				power . [SEP]
Normal	Normal (0.92)	Normal	1.21	[CLS] aircraft
				landing .
				[SEP]
Normal	Normal (0.92)	Normal	1.21	[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.59)	Normal	1.67	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	Normal (0.36)	HardwareFault	1.53	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.84)	Normal	1.46	[CLS] aircraft will be forced to land [SEP]
HardwareFault	Normal (0.35)	HardwareFault	1.33	[CLS] critically low voltage . [SEP]
Normal	Normal (0.91)	Normal	1.40	[CLS] aircraft will land [SEP]
Normal	Normal (0.65)	Normal	0.94	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.66)	Normal	0.98	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.67)	Normal	0.99	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.66)	Normal	1.00	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.63)	Normal	0.89	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.63)	Normal	0.92	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.44)	Normal	0.51	[CLS] disable sd card read and write



				protection or change card [SEP]
				[CLS]
CommunicationIssue	Normal (0.67)	CommunicationIssue	-1.77	downlink lost . [SEP]
				[CLS]
Normal	Normal (0.49)	Normal	0.82	downlink restored ( after 0m 2 . 9s ) . [SEP]
				[CLS] drone
Normal	Normal (0.76)	Normal	0.81	is vibrating [SEP]
				[CLS] entered
Normal	Normal (0.90)	Normal	2.17	cruise control mode . [SEP]
				[CLS] press
Normal	Normal (0.60)	Normal	1.35	c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	Normal (0.43)	ParamViolation	0.60	excessive attitude angle detected [SEP]
				[CLS] forward
SoftwareFault	Normal (0.60)	SoftwareFault	1.32	obstacle avoidance has stopped working [SEP]
				[CLS] exit
Normal	Normal (0.74)	Normal	1.30	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.23)	SurroundingEnvironment	1.82	ambient light is too weak [SEP]
				[CLS] exited
Normal	Normal (0.72)	Normal	1.11	visual avoidance system . [SEP]
				[CLS] exiting
SoftwareFault	Normal (0.42)	SoftwareFault	1.82	gps mode : unknown error [SEP]

ParamViolation	Normal (0.48)	ParamViolation	0.97	[CLS] extra payload detected . [SEP]
Normal	Normal (0.81)	Normal	1.39	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] fly with caution [SEP]
SoftwareFault	Normal (0.45)	SoftwareFault	1.64	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	Normal (0.52)	SoftwareFault	1.23	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	Normal (0.41)	HardwareFault	1.86	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.45)	Normal	0.47	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	Normal (0.51)	HardwareFault	1.73	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.61)	Normal	0.54	[CLS] ground plain . [SEP]
Normal	Normal (0.85)	Normal	1.13	[CLS] safe to land . [SEP]
ParamViolation	Normal (0.63)	ParamViolation	1.32	[CLS] high altitude . [SEP]
Normal	Normal (0.49)	Normal	0.75	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.92)	Normal	1.13	[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.49)	SurroundingEnvironment	1.87	[CLS] high wind velocity . [SEP]
Normal	Normal (0.84)	Normal	1.62	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.49)	SurroundingEnvironment	1.87	[CLS] high wind velocity . [SEP]
Normal	Normal (0.84)	Normal	1.62	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.49)	SurroundingEnvironment	1.87	[CLS] high wind velocity . [SEP]
Normal	Normal (0.86)	Normal	1.55	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.82)	Normal	1.31	[CLS] high - altitude flight [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] fly with caution [SEP]
Normal	Normal (0.57)	Normal	0.61	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.79)	Normal	1.30	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.76)	Normal	1.54	[CLS] home

ParamViolation	Normal (0.48)	ParamViolation	1.96	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure aircraft is level [SEP]
SoftwareFault	Normal (0.37)	SoftwareFault	0.11	[CLS] imu not calibrated . [SEP]
Normal	Normal (0.54)	Normal	0.87	[CLS] calibrate imu [SEP]
Normal	Normal (0.84)	Normal	1.08	[CLS] landing canceled . [SEP]
Normal	Normal (0.88)	Normal	1.47	[CLS] landing gear function restored [SEP]
Normal	Normal (0.91)	Normal	1.53	[CLS] landing gear paused . [SEP]
Normal	Normal (0.88)	Normal	1.38	[CLS] landing gear raising . [SEP]
Normal	Normal (0.77)	Normal	1.49	[CLS] home point recorded [SEP]
Normal	Normal (0.45)	Normal	0.48	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.48	[CLS] low power . [SEP]
Normal	Normal (0.89)	Normal	1.58	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.48	[CLS] low power . [SEP]

Normal	Normal (0.67)	Normal	1.24	[CLS] returning home . [SEP]
				[CLS] magnetic
SurroundingEnvironment	Normal (0.28)	SurroundingEnvironment	1.78	filed interference . [SEP]
				[CLS] exit p -
Normal	Normal (0.87)	Normal	1.70	gps mode . [SEP]
HardwareFault	Normal (0.35)	HardwareFault	0.94	[CLS] yaw error . [SEP]
				[CLS] manned
SurroundingEnvironment	Normal (0.78)	SurroundingEnvironment	0.90	aircraft detected nearby . [SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] max
ParamViolation	Normal (0.68)	ParamViolation	1.59	altitude approached . [SEP]
				[CLS] wait for the gps
Normal	Normal (0.76)	Normal	1.81	satellite signal recovery before ascend [SEP]
				[CLS] max
ParamViolation	Normal (0.71)	ParamViolation	1.92	flight altitude reached . [SEP]
				[CLS] adjust
Normal	Normal (0.76)	Normal	1.85	in main controller settings if necessary [SEP]
				[CLS] max
ParamViolation	Normal (0.75)	ParamViolation	1.90	flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.69)	Normal	1.52	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.72)	ParamViolation	1.67	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.72)	Normal	1.69	in mc settings if required . [SEP] [CLS] mobile device cpu fully loaded . [SEP] [CLS] related performance
HardwareFault	Normal (0.45)	HardwareFault	1.63	will be affected . [SEP] [CLS] mobile device version too old to support
Normal	Normal (0.56)	Normal	1.54	hd image transmission and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
SoftwareFault	Normal (0.36)	SoftwareFault	-0.40	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or
Normal	Normal (0.53)	Normal	0.47	contact dji support for
HardwareFault	Normal (0.54)	HardwareFault	1.40	
Normal	Normal (0.62)	Normal	0.81	

				assistance
				[SEP]
Normal	Normal (0.59)	Normal	0.73	[CLS] motors
				started . [SEP]
SoftwareFault	Normal (0.65)	SoftwareFault	1.19	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.62)	Normal	0.71	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] fly with
				caution [SEP]
SoftwareFault	Normal (0.65)	SoftwareFault	1.19	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.36)	Normal	-0.15	[CLS] unable
				to hover . [SEP]
Normal	Normal (0.92)	Normal	1.13	[CLS] fly with
				caution [SEP]
Normal	Normal (0.86)	Normal	1.51	[CLS] obstacle
				avoidance disabled . [SEP]
Normal	Normal (0.88)	Normal	1.45	[CLS] landing
				gear lowered . [SEP]
Normal	Normal (0.86)	Normal	1.51	[CLS] obstacle
				avoidance disabled . [SEP]
Normal	Normal (0.86)	Normal	1.51	[CLS] obstacle
				avoidance disabled . [SEP]
Normal	Normal (0.88)	Normal	1.45	[CLS] landing
				gear lowered . [SEP]
Normal	Normal (0.76)	Normal	1.50	[CLS] obstacle
				avoidance has been disabled . [SEP]
Normal	Normal (0.95)	Normal	1.20	[CLS] precision

				landing [SEP]
				[CLS]
Normal	Normal (0.53)	Normal	0.82	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.55)	Normal	0.97	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (0.86)	Normal	1.25	rectifying aircraft position [SEP]
				[CLS] remote controller in
SurroundingEnvironment	Normal (0.46)	SurroundingEnvironment	1.80	high interference environment . [SEP]
				[CLS]
Normal	Normal (0.87)	Normal	1.92	manually adjust flight route or return to home [SEP]
				[CLS] return -
Normal	Normal (0.82)	Normal	2.10	to - home altitude : 65ft [SEP]
				[CLS] return -
Normal	Normal (0.81)	Normal	1.98	to - home altitude : 98ft . [SEP]
				[CLS] rth :
Normal	Normal (0.79)	Normal	1.76	ascending to rth altitude . [SEP]
				[CLS] rth :
Normal	Normal (0.64)	Normal	1.35	heading alignment . [SEP]
				[CLS] rth
Normal	Normal (0.73)	Normal	1.65	altitude : 65ft . [SEP]
				[CLS] rth
Normal	Normal (0.71)	Normal	1.51	altitude : 98ft . [SEP]
				[CLS] signal
CommunicationIssue	Normal (0.59)	CommunicationIssue	-1.46	



Normal	Normal (0.92)	Normal	1.60	lost . [SEP]
				[CLS] aircraft returning to home point [SEP]
Normal	Normal (0.45)	Normal	0.25	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.47)	SurroundingEnvironment	1.28	[CLS] strong wind warning . [SEP]
SoftwareFault	Normal (0.77)	SoftwareFault	0.14	[CLS] aircraft unable to return to home automatically . [SEP]
Normal	Normal (0.85)	Normal	1.95	[CLS] lower altitude immediately and return to home manually [SEP]
				[CLS] switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.60)	Normal	1.10	[CLS] switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.65)	Normal	1.37	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.39)	SoftwareFault	0.62	[CLS] vision sensor error . [SEP]
Normal	Normal (0.65)	Normal	1.44	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.79)	Normal	1.75	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.67)	Normal	1.77	[CLS] waypoint mission paused [SEP]
				[CLS] weak gps signal . [SEP]
				[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
				[CLS] fly with caution . [SEP]
SoftwareFault	Normal (0.37)	SoftwareFault	1.02	[CLS] weak gps signal . [SEP]
Normal	Normal (0.60)	Normal	0.99	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
				[CLS] fly with caution . [SEP]
				[CLS] weak signal . [SEP]
				[CLS] adjust antennas [SEP]
CommunicationIssue	Normal (0.26)	CommunicationIssue	0.59	[CLS] weak signal . [SEP]
Normal	Normal (0.60)	Normal	1.20	[CLS] adjust antennas [SEP]
				[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
				[CLS] please fly with caution [SEP]
RegulationViolation	Normal (0.69)	RegulationViolation	-1.34	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.86)	Normal	1.06	[CLS] please fly with caution [SEP]