

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.59)	SurroundingEnvironment	1.08	[CLS] a passenger aircraft is nearby .
				[SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] flight altitude and distance restricted to nnn and nnn .
				[SEP]
				[CLS] check and log in [SEP]
				[CLS]
Normal	SoftwareFault (0.29)	Normal	-0.95	activetrack flight paused [SEP]
				[CLS]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
ParamViolation	Normal (0.66)	ParamViolation	2.00	[CLS] flight altitude and distance restricted to nnn and nnn .
				[SEP]
				[CLS] check and log in [SEP]
				[CLS]
Normal	Normal (0.44)	Normal	0.61	[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] check and log in [SEP]
				[CLS]
Normal	Normal (0.82)	Normal	1.44	activetrack flight paused [SEP]
				[CLS]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (0.79)	Normal	2.07	[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (0.71)	Normal	1.70	[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (0.79)	Normal	2.07	[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (0.63)	Normal	1.89	[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] aircraft activetrack available at max speed .
				[SEP]

Normal	Normal (0.60)	Normal	1.81	activetrack max speed of nnn and obstacle avoidance functions normally [SEP]
				[CLS] aircraft core board overheated [SEP]
				[CLS] aircraft entered fixed - wing mode . [SEP]
				[CLS] current flight speed is nnn . [SEP]
				[CLS] press c2 to exit [SEP]
Normal	Normal (0.58)	Normal	1.96	[CLS] aircraft flight control unlocked [SEP]
				[CLS] aircraft in restricted zones . [SEP]
				[CLS] check map to find recommended zones [SEP]
				[CLS] aircraft is in attitude mode , so that it will not hover . [SEP]
				[CLS] please fly with caution . [SEP]
Normal	Normal (0.79)	Normal	1.15	[CLS] aircraft is in tripod mode . [SEP]
				[CLS] exit this mode and try again
Normal	Normal (0.83)	Normal	1.72	
Normal	Normal (0.30)	Normal	0.19	
RegulationViolation	Normal (0.83)	RegulationViolation	-1.31	
Normal	Normal (0.60)	Normal	1.67	
Normal	Normal (0.90)	Normal	1.62	
Normal	Normal (0.75)	Normal	1.96	
HardwareFault	Normal (0.37)	HardwareFault	2.10	
Normal	Normal (0.75)	Normal	1.46	
Normal	Normal (0.60)	Normal	1.81	

				[SEP]
				[CLS] aircraft is returning
Normal	Normal (0.86)	Normal	1.88	to the starting point [SEP]
ParamViolation	Normal (0.68)	ParamViolation	2.00	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.81)	RegulationViolation	-1.07	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.68)	Normal	1.64	[CLS] rth may be affected . [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] fly with caution [SEP]
Normal	Normal (0.64)	Normal	1.80	[CLS] arrived at start point . [SEP]
Normal	Normal (0.67)	Normal	1.89	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.96)	Normal	1.58	[CLS] auto landing initiated [SEP]
Normal	Normal (0.38)	Normal	0.97	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.48)	SoftwareFault	1.27	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.38)	HardwareFault	1.82	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.55)	HardwareFault	1.38	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.91)	Normal	1.67	home automatically [SEP]
HardwareFault	HardwareFault (0.41)	HardwareFault	1.75	[CLS] battery power low . [SEP]
Normal	Normal (0.48)	Normal	1.78	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.35)	HardwareFault	1.23	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.38)	SurroundingEnvironment	1.06	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.55)	Normal	1.26	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.48)	HardwareFault	1.16	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.84)	SoftwareFault	-0.07	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.52	[CLS] low battery [SEP] [CLS] cannot start return
SoftwareFault	Normal (0.38)	SoftwareFault	0.92	to home due to weak gps signal [SEP]
SoftwareFault	HardwareFault (0.29)	SoftwareFault	0.61	[CLS] cannot start self - timer . [SEP]
SoftwareFault	Normal (0.48)	SoftwareFault	-1.19	[CLS] exposure time is too long [SEP]

SoftwareFault	Normal (0.79)	SoftwareFault	0.80	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.70)	Normal	1.51	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	Normal (0.35)	SoftwareFault	1.20	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.32)	SurroundingEnvironment	0.31	[CLS] no image [SEP]
Normal	Normal (0.59)	Normal	1.28	[CLS] please retry [SEP]
SoftwareFault	Normal (0.35)	SoftwareFault	1.20	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.26)	SurroundingEnvironment	0.79	[CLS] subject too large [SEP]
Normal	Normal (0.58)	Normal	1.48	[CLS] move away and retry [SEP]
Normal	Normal (0.33)	Normal	0.65	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.61)	Normal	1.64	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.38)	HardwareFault	1.09	[CLS] compass abnormal . [SEP]
Normal	Normal (0.51)	Normal	1.00	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.22)	Normal	-0.35	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.76)	Normal	1.44	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.72)	Normal	1.90	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.41	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.42)	HardwareFault	1.48	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.32	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.32	[CLS] compass error . [SEP]
HardwareFault	Normal (0.40)	HardwareFault	1.23	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.32	[CLS] compass error . [SEP]
SurroundingEnvironment	HardwareFault (0.26)	SurroundingEnvironment	1.56	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.77)	Normal	1.52	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.43)	SoftwareFault	0.91	[CLS]
				compass
				initialization
Normal	Normal (0.97)	Normal	1.42	failed . [SEP]
				[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.48)	HardwareFault	1.65	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.79)	Normal	1.83	[CLS] aircraft
				in auto power
				off protection
Normal	Normal (0.87)	Normal	1.37	. [SEP]
				[CLS] forced
				landing in
HardwareFault	HardwareFault (0.48)	HardwareFault	1.65	progress
				[SEP]
				[CLS] critical
Normal	Normal (0.96)	Normal	1.72	low battery .
				[SEP]
				[CLS] aircraft
HardwareFault	HardwareFault (0.48)	HardwareFault	1.65	landing
				automatically
				[SEP]
Normal	Normal (0.87)	Normal	2.19	[CLS] critical
				low battery .
				[SEP]
HardwareFault	HardwareFault (0.31)	HardwareFault	1.55	[CLS] return
				to home or
				land promptly
Normal	Normal (0.90)	Normal	1.36	[SEP]
				[CLS]
				critically low
HardwareFault	HardwareFault (0.31)	HardwareFault	1.55	power . [SEP]
				[CLS] aircraft
				is landing
Normal	Normal (0.92)	Normal	1.33	[SEP]
				[CLS]
				critically low
Normal	Normal (0.92)	Normal	1.33	power . [SEP]
				[CLS] aircraft
				landing .
Normal	Normal (0.92)	Normal	1.33	[SEP]
				[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.62)	Normal	2.40	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	Normal (0.35)	HardwareFault	1.43	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.86)	Normal	1.77	[CLS] aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.28	[CLS] critically low voltage . [SEP]
Normal	Normal (0.92)	Normal	1.53	[CLS] aircraft will land [SEP]
Normal	Normal (0.57)	Normal	1.15	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.59)	Normal	1.18	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.59)	Normal	1.24	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.58)	Normal	1.14	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.53)	Normal	1.05	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.54)	Normal	1.02	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.40)	Normal	1.77	[CLS] disable sd card read and write



				protection or change card [SEP]
				[CLS]
CommunicationIssue	Normal (0.59)	CommunicationIssue	-1.62	downlink lost . [SEP]
				[CLS]
				downlink
Normal	Normal (0.46)	Normal	1.67	restored ( after 0m 2 . 9s ) . [SEP]
				[CLS]
Normal	Normal (0.69)	Normal	1.11	drone is vibrating [SEP]
				[CLS]
Normal	Normal (0.89)	Normal	2.13	entered cruise control mode . [SEP]
				[CLS]
Normal	Normal (0.61)	Normal	1.96	press c1 or c2 to exit [SEP]
				[CLS]
				excessive
ParamViolation	Normal (0.43)	ParamViolation	1.33	attitude angle detected [SEP]
				[CLS]
				forward obstacle
SoftwareFault	Normal (0.53)	SoftwareFault	1.21	avoidance has stopped working [SEP]
				[CLS]
				exit
Normal	Normal (0.70)	Normal	1.24	backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.25)	SurroundingEnvironment	1.96	ambient light is too weak [SEP]
				[CLS]
				exited
				visual
Normal	Normal (0.65)	Normal	1.08	avoidance system . [SEP]
				[CLS]
				exiting
SoftwareFault	Normal (0.37)	SoftwareFault	1.56	gps mode : unknown error [SEP]

ParamViolation	Normal (0.52)	ParamViolation	1.67	[CLS] extra payload detected . [SEP]
Normal	Normal (0.81)	Normal	1.64	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] fly with caution [SEP]
SoftwareFault	Normal (0.39)	SoftwareFault	1.33	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	Normal (0.46)	SoftwareFault	0.81	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	Normal (0.45)	HardwareFault	1.84	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.53)	Normal	1.44	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	Normal (0.53)	HardwareFault	1.22	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.61)	Normal	0.90	[CLS] ground plain . [SEP]
Normal	Normal (0.80)	Normal	1.29	[CLS] safe to land . [SEP]
ParamViolation	Normal (0.68)	ParamViolation	1.57	[CLS] high altitude . [SEP]
Normal	Normal (0.47)	Normal	1.41	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.90)	Normal	1.32	[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.56)	SurroundingEnvironment	1.63	[CLS] high wind velocity . [SEP]
Normal	Normal (0.85)	Normal	1.96	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.56)	SurroundingEnvironment	1.63	[CLS] high wind velocity . [SEP]
Normal	Normal (0.85)	Normal	1.96	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.56)	SurroundingEnvironment	1.63	[CLS] high wind velocity . [SEP]
Normal	Normal (0.85)	Normal	1.90	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.84)	Normal	1.48	[CLS] high - altitude flight [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] fly with caution [SEP]
Normal	Normal (0.57)	Normal	1.19	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.82)	Normal	1.72	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.71)	Normal	1.75	[CLS] home

				point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
ParamViolation	Normal (0.55)	ParamViolation	2.26	[CLS] ensure aircraft is level [SEP]
				[CLS] imu not calibrated . [SEP]
Normal	Normal (0.90)	Normal	1.46	[CLS] calibrate imu [SEP]
SoftwareFault	Normal (0.44)	SoftwareFault	-0.29	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.60)	Normal	1.76	[CLS] landing gear paused . [SEP]
Normal	Normal (0.83)	Normal	1.24	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.90)	Normal	1.71	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (0.91)	Normal	1.65	[CLS] fly with caution [SEP]
Normal	Normal (0.88)	Normal	1.62	[CLS] low power . [SEP]
Normal	Normal (0.75)	Normal	1.65	[CLS] aircraft is returning to the home point . [SEP]
Normal	Normal (0.43)	Normal	1.32	[CLS] low power . [SEP]
Normal	Normal (0.90)	Normal	1.32	
HardwareFault	Normal (0.33)	HardwareFault	1.40	
Normal	Normal (0.89)	Normal	1.86	
HardwareFault	Normal (0.33)	HardwareFault	1.40	

Normal	Normal (0.65)	Normal	1.54	[CLS] returning home . [SEP]
SurroundingEnvironment	HardwareFault (0.26)	SurroundingEnvironment	1.56	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.83)	Normal	1.72	[CLS] exit p - gps mode . [SEP]
HardwareFault	Normal (0.35)	HardwareFault	0.69	[CLS] yaw error . [SEP]
SurroundingEnvironment	Normal (0.75)	SurroundingEnvironment	0.03	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] fly with caution [SEP]
ParamViolation	Normal (0.72)	ParamViolation	1.74	[CLS] max altitude approached . [SEP]
Normal	Normal (0.78)	Normal	2.02	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	Normal (0.74)	ParamViolation	2.08	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.74)	Normal	2.38	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	Normal (0.76)	ParamViolation	2.10	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.65)	Normal	2.10	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.72)	ParamViolation	1.81	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.71)	Normal	2.13	in mc settings if required . [SEP] [CLS] mobile device cpu
HardwareFault	Normal (0.49)	HardwareFault	1.23	fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.52)	Normal	2.13	will be affected . [SEP] [CLS] mobile device version too old to support hd image
SoftwareFault	Normal (0.34)	SoftwareFault	-0.97	transmission and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
Normal	Normal (0.60)	Normal	0.98	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking
HardwareFault	Normal (0.56)	HardwareFault	1.37	motor or
Normal	Normal (0.66)	Normal	1.32	contact dji support for

				assistance
				[SEP]
Normal	Normal (0.67)	Normal	1.08	[CLS] motors
				started . [SEP]
SoftwareFault	Normal (0.69)	SoftwareFault	0.05	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.60)	Normal	0.99	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] fly with
				caution [SEP]
SoftwareFault	Normal (0.69)	SoftwareFault	0.05	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.31)	Normal	0.37	[CLS] unable
				to hover . [SEP]
Normal	Normal (0.90)	Normal	1.32	[CLS] fly with
				caution [SEP]
				[CLS]
				obstacle
Normal	Normal (0.81)	Normal	1.55	avoidance
				disabled . [SEP]
Normal	Normal (0.86)	Normal	1.63	[CLS] landing
				gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.81)	Normal	1.55	avoidance
				disabled . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.81)	Normal	1.55	avoidance
				disabled . [SEP]
				[CLS]
				landing
Normal	Normal (0.86)	Normal	1.63	gear lowered . [SEP]
				[CLS]
				obstacle
				avoidance has
Normal	Normal (0.71)	Normal	1.75	been disabled . [SEP]
				[CLS]
Normal	Normal (0.93)	Normal	1.20	precision

Normal	Normal (0.44)	Normal	1.37	landing [SEP]
				[CLS]
				quickshot has ended [SEP]
Normal	Normal (0.61)	Normal	1.83	[CLS]
				recenter
				gimbal pan [SEP]
Normal	Normal (0.86)	Normal	1.46	[CLS]
				rectifying
				aircraft position [SEP]
SurroundingEnvironment	Normal (0.47)	SurroundingEnvironment	2.02	[CLS] remote
				controller in
				high interference environment . [SEP]
Normal	Normal (0.87)	Normal	2.00	[CLS]
				manually
				adjust flight route or return to home [SEP]
Normal	Normal (0.79)	Normal	2.24	[CLS] return -
				to - home
				altitude : 65ft [SEP]
Normal	Normal (0.79)	Normal	2.11	[CLS] return -
				to - home
				altitude : 98ft . [SEP]
Normal	Normal (0.78)	Normal	1.95	[CLS] rth :
				ascending to
				rth altitude . [SEP]
Normal	Normal (0.60)	Normal	1.81	[CLS] rth :
				heading
				alignment . [SEP]
Normal	Normal (0.70)	Normal	1.78	[CLS] rth
				altitude : 65ft
				. [SEP]
Normal	Normal (0.69)	Normal	1.68	[CLS] rth
				altitude : 98ft
				. [SEP]
CommunicationIssue	Normal (0.60)	CommunicationIssue	-0.86	[CLS] signal



Normal	Normal (0.91)	Normal	1.79	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.46)	Normal	1.22	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.47)	SurroundingEnvironment	1.31	[CLS] strong wind warning . [SEP]
SoftwareFault	Normal (0.78)	SoftwareFault	-0.27	[CLS] aircraft unable to return to home automatically . [SEP]
				[CLS] lower altitude immediately
				and return to home manually [SEP]
Normal	Normal (0.86)	Normal	1.99	[CLS] switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.59)	Normal	1.60	[CLS] switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.59)	Normal	1.84	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.36)	SoftwareFault	0.82	[CLS] vision sensor error . [SEP]
Normal	Normal (0.65)	Normal	1.98	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.76)	Normal	1.88	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.69)	Normal	1.87	[CLS] waypoint mission paused [SEP]
SoftwareFault	Normal (0.38)	SoftwareFault	0.98	[CLS] weak gps signal . [SEP]
Normal	Normal (0.59)	Normal	1.54	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.88)	Normal	1.28	[CLS] fly with caution . [SEP]
CommunicationIssue	Normal (0.24)	CommunicationIssue	1.10	[CLS] weak signal . [SEP]
Normal	Normal (0.54)	Normal	1.38	[CLS] adjust antennas [SEP]
RegulationViolation	Normal (0.71)	RegulationViolation	-2.11	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.85)	Normal	1.23	[CLS] please fly with caution [SEP]