

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.57)	SurroundingEnvironment	-0.03	[CLS] a
				passenger
				aircraft is
				nearby .
Normal	Normal (0.90)	Normal	1.26	[SEP]
				[CLS] fly with
				caution [SEP]
				[CLS] account
Normal	HardwareFault (0.30)	Normal	-0.29	not logged in
				. [SEP]
				[CLS] flight
				altitude and
ParamViolation	Normal (0.62)	ParamViolation	1.59	distance
				restricted to
				nnn and nnn .
				[SEP]
Normal	Normal (0.55)	Normal	0.92	[CLS] check
				and log in
				[SEP]
				[CLS]
Normal	Normal (0.83)	Normal	1.56	activetrack
				flight paused
				[SEP]
				[CLS] aircraft
Normal	Normal (0.80)	Normal	2.15	activetrack
				available at
				max speed .
				[SEP]
Normal	Normal (0.71)	Normal	1.73	[CLS]
				obstacle
				avoidance is
				not available
Normal	Normal (0.80)	Normal	2.15	[SEP]
				[CLS] aircraft
				activetrack
				available at
Normal	Normal (0.60)	Normal	1.87	max speed .
				[SEP]
				[CLS] when
				exceeding
Normal	Normal (0.60)	Normal	1.87	nnn , obstacle
				avoidance is
				not available
				[SEP]
Normal	Normal (0.60)	Normal	1.87	[CLS] aircraft

Normal	Normal (0.60)	Normal	1.79	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]
HardwareFault	Normal (0.35)	HardwareFault	1.82	[CLS] aircraft flight control unlocked [SEP]
Normal	Normal (0.77)	Normal	2.10	[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]
				[CLS] aircraft is in tripod mode . [SEP]
Normal	Normal (0.72)	Normal	1.38	[CLS] exit this mode and try again
Normal	Normal (0.64)	Normal	2.02	
Normal	Normal (0.88)	Normal	1.62	
RegulationViolation	Normal (0.79)	RegulationViolation	-0.74	
Normal	Normal (0.51)	Normal	1.33	
Normal	Normal (0.51)	Normal	1.51	
Normal	Normal (0.76)	Normal	1.12	
Normal	Normal (0.87)	Normal	1.79	
Normal	Normal (0.32)	Normal	0.24	

				[SEP]
				[CLS] aircraft is returning
Normal	Normal (0.84)	Normal	1.81	to the starting point [SEP]
ParamViolation	Normal (0.66)	ParamViolation	1.38	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.78)	RegulationViolation	-0.81	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.69)	Normal	1.47	[CLS] rth may be affected . [SEP]
Normal	Normal (0.90)	Normal	1.26	[CLS] fly with caution [SEP]
Normal	Normal (0.62)	Normal	2.06	[CLS] arrived at start point . [SEP]
Normal	Normal (0.67)	Normal	2.07	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.96)	Normal	1.57	[CLS] auto landing initiated [SEP]
Normal	Normal (0.31)	Normal	-0.16	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.51)	SoftwareFault	1.71	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.71	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.59)	HardwareFault	1.40	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.91)	Normal	1.73	home automatically [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.79	[CLS] battery power low . [SEP]
Normal	Normal (0.54)	Normal	1.99	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.39)	HardwareFault	1.43	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.33)	SurroundingEnvironment	-0.16	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.52)	Normal	1.00	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.44)	HardwareFault	1.75	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.83)	SoftwareFault	0.15	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.56	[CLS] low battery [SEP]
SoftwareFault	Normal (0.35)	SoftwareFault	1.31	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	HardwareFault (0.31)	SoftwareFault	1.57	[CLS] cannot start self - timer . [SEP]
SoftwareFault	Normal (0.50)	SoftwareFault	-0.20	[CLS] exposure time is too long [SEP]

SoftwareFault	Normal (0.81)	SoftwareFault	0.65	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.72)	Normal	1.65	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.32)	SoftwareFault	1.38	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.38)	SurroundingEnvironment	-0.89	[CLS] no image [SEP]
Normal	Normal (0.56)	Normal	1.32	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.32)	SoftwareFault	1.38	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.24)	SurroundingEnvironment	0.79	[CLS] subject too large [SEP]
Normal	Normal (0.59)	Normal	1.69	[CLS] move away and retry [SEP]
Normal	Normal (0.44)	Normal	1.13	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.65)	Normal	1.76	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.37)	HardwareFault	1.19	[CLS] compass abnormal . [SEP]
Normal	Normal (0.49)	Normal	1.01	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.22)	Normal	-0.57	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.71)	Normal	1.30	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.73)	Normal	2.04	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.46	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.41)	HardwareFault	1.55	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.33	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.33	[CLS] compass error . [SEP]
HardwareFault	Normal (0.38)	HardwareFault	1.36	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.33	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.25)	SurroundingEnvironment	1.09	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.82)	Normal	1.66	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.49)	SoftwareFault	1.03	[CLS] compass initialization failed . [SEP]
Normal	Normal (0.97)	Normal	1.44	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.70	[CLS] critical low battery . [SEP]
Normal	Normal (0.78)	Normal	1.78	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (0.88)	Normal	1.34	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.70	[CLS] critical low battery . [SEP]
Normal	Normal (0.97)	Normal	1.67	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.70	[CLS] critical low battery . [SEP]
Normal	Normal (0.88)	Normal	2.29	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.73	[CLS] critically low power . [SEP]
Normal	Normal (0.90)	Normal	1.30	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.73	[CLS] critically low power . [SEP]
Normal	Normal (0.93)	Normal	1.29	[CLS] aircraft landing . [SEP]
Normal	Normal (0.93)	Normal	1.29	[CLS] aircraft landing . [SEP]
				[CLS] throttle up to reduce

Normal	Normal (0.61)	Normal	2.23	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	HardwareFault (0.37)	HardwareFault	1.54	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.84)	Normal	1.74	[CLS] aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.29	[CLS] critically low voltage . [SEP]
Normal	Normal (0.91)	Normal	1.54	[CLS] aircraft will land [SEP]
Normal	Normal (0.52)	Normal	1.15	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.53)	Normal	1.12	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.55)	Normal	1.29	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.52)	Normal	1.12	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.50)	Normal	0.96	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.51)	Normal	1.04	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.44)	Normal	2.08	[CLS] disable sd card read and write



				protection or change card [SEP] [CLS]
CommunicationIssue	Normal (0.65)	CommunicationIssue	-1.71	downlink lost [SEP] [CLS]
Normal	Normal (0.50)	Normal	1.72	downlink restored ( after 0m 2 . 9s ) . [SEP]
Normal	Normal (0.74)	Normal	1.01	[CLS] drone is vibrating [SEP]
Normal	Normal (0.89)	Normal	2.31	[CLS] entered cruise control mode . [SEP]
Normal	Normal (0.66)	Normal	1.96	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	Normal (0.42)	ParamViolation	-0.25	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	Normal (0.56)	SoftwareFault	1.48	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.77)	Normal	1.51	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.34)	SurroundingEnvironment	2.08	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.68)	Normal	1.33	[CLS] exited visual avoidance system . [SEP]
SoftwareFault	Normal (0.39)	SoftwareFault	1.43	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	Normal (0.52)	ParamViolation	0.56	[CLS] extra payload detected .
				[SEP]
				[CLS] flight performance
Normal	Normal (0.80)	Normal	1.72	will be affected .
Normal	Normal (0.90)	Normal	1.26	[SEP]
				[CLS] fly with caution
				[SEP]
SoftwareFault	Normal (0.43)	SoftwareFault	1.79	[CLS] forward obstacle
				sensing is not functioning .
				[SEP]
SoftwareFault	Normal (0.48)	SoftwareFault	1.32	[CLS] forward obstacle
				sensing not responding
				[SEP]
HardwareFault	Normal (0.37)	HardwareFault	1.88	[CLS] gimbal motor
				overloaded .
				[SEP]
Normal	Normal (0.45)	Normal	1.21	[CLS] check whether
				gimbal can rotate freely
				[SEP]
HardwareFault	Normal (0.45)	HardwareFault	1.13	[CLS] gimbal
				pitch limit reached .
				[SEP]
Normal	Normal (0.51)	Normal	0.42	[CLS] ground plain .
				[SEP]
				[CLS] safe to land .
ParamViolation	Normal (0.82)	Normal	1.31	[SEP]
				[CLS] high altitude .
				[SEP]
Normal	Normal (0.65)	ParamViolation	0.78	[CLS] aircraft braking distance
				increased and flight time
				decreased .
Normal	Normal (0.53)	Normal	1.76	[SEP]
				[CLS] aircraft braking distance
				increased and flight time

Normal	Normal (0.90)	Normal	1.26	[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.48)	SurroundingEnvironment	1.57	[CLS] high wind velocity . [SEP]
Normal	Normal (0.84)	Normal	2.07	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.48)	SurroundingEnvironment	1.57	[CLS] high wind velocity . [SEP]
Normal	Normal (0.84)	Normal	2.07	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.48)	SurroundingEnvironment	1.57	[CLS] high wind velocity . [SEP]
Normal	Normal (0.85)	Normal	1.82	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.86)	Normal	1.56	[CLS] high - altitude flight [SEP]
Normal	Normal (0.90)	Normal	1.26	[CLS] fly with caution [SEP]
Normal	Normal (0.62)	Normal	1.38	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.82)	Normal	1.65	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.80)	Normal	1.72	[CLS] home

ParamViolation	Normal (0.42)	ParamViolation	2.02	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure aircraft is level [SEP]
SoftwareFault	Normal (0.33)	SoftwareFault	1.35	[CLS] imu not calibrated . [SEP]
Normal	Normal (0.47)	Normal	0.86	[CLS] calibrate imu [SEP]
Normal	Normal (0.85)	Normal	1.23	[CLS] landing canceled . [SEP]
Normal	Normal (0.90)	Normal	1.63	[CLS] landing gear function restored [SEP]
Normal	Normal (0.91)	Normal	1.59	[CLS] landing gear paused . [SEP]
Normal	Normal (0.89)	Normal	1.48	[CLS] landing gear raising . [SEP]
Normal	Normal (0.76)	Normal	1.61	[CLS] home point recorded [SEP]
Normal	Normal (0.43)	Normal	1.44	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (0.90)	Normal	1.26	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.33)	HardwareFault	1.51	[CLS] low power . [SEP]
Normal	Normal (0.89)	Normal	1.90	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (0.33)	HardwareFault	1.51	[CLS] low power . [SEP]

Normal	Normal (0.63)	Normal	1.38	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.25)	SurroundingEnvironment	1.09	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.87)	Normal	1.87	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.29)	HardwareFault	0.83	[CLS] yaw error . [SEP]
SurroundingEnvironment	Normal (0.75)	SurroundingEnvironment	-0.82	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.90)	Normal	1.26	[CLS] fly with caution [SEP]
ParamViolation	Normal (0.70)	ParamViolation	1.09	[CLS] max altitude approached . [SEP]
Normal	Normal (0.74)	Normal	1.85	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	Normal (0.76)	ParamViolation	1.37	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.76)	Normal	2.43	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	Normal (0.77)	ParamViolation	1.23	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.67)	Normal	2.17	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.73)	ParamViolation	1.23	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.70)	Normal	1.97	in mc settings if required . [SEP] [CLS] mobile device cpu fully loaded . [SEP] [CLS] related performance
HardwareFault	Normal (0.47)	HardwareFault	1.22	will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission
Normal	Normal (0.55)	Normal	2.00	and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
SoftwareFault	Normal (0.37)	SoftwareFault	0.02	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or
Normal	Normal (0.52)	Normal	0.90	contact dji support for
HardwareFault	Normal (0.49)	HardwareFault	1.39	
Normal	Normal (0.62)	Normal	1.48	

				assistance
				[SEP]
Normal	Normal (0.61)	Normal	1.03	[CLS] motors
				started . [SEP]
SoftwareFault	Normal (0.74)	SoftwareFault	0.48	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.56)	Normal	1.05	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (0.90)	Normal	1.26	[CLS] fly with
				caution [SEP]
SoftwareFault	Normal (0.74)	SoftwareFault	0.48	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.32)	Normal	0.46	[CLS] unable
				to hover . [SEP]
Normal	Normal (0.90)	Normal	1.26	[CLS] fly with
				caution [SEP]
				[CLS]
				obstacle
Normal	Normal (0.84)	Normal	1.42	avoidance
				disabled . [SEP]
Normal	Normal (0.89)	Normal	1.52	[CLS] landing
				gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.84)	Normal	1.42	avoidance
				disabled . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.84)	Normal	1.42	avoidance
				disabled . [SEP]
				[CLS]
				landing
Normal	Normal (0.89)	Normal	1.52	gear lowered
				. [SEP]
				[CLS]
				obstacle
Normal	Normal (0.74)	Normal	1.53	avoidance has
				been disabled . [SEP]
				[CLS]
				precision

Normal	Normal (0.50)	Normal	1.19	landing [SEP]
				[CLS]
Normal	Normal (0.57)	Normal	1.54	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.87)	Normal	1.52	recenter gimbal pan [SEP]
				[CLS]
SurroundingEnvironment	Normal (0.39)	SurroundingEnvironment	1.18	rectifying aircraft position [SEP]
				[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.87)	Normal	2.10	manually adjust flight route or return to home [SEP]
				[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.81)	Normal	2.34	[CLS] return - to - home altitude : 98ft . [SEP]
				[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.79)	Normal	2.15	[CLS] rth : ascending to rth altitude . [SEP]
				[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.65)	Normal	1.78	[CLS] rth altitude : 65ft . [SEP]
				[CLS] rth altitude : 98ft . [SEP]
Normal	Normal (0.73)	Normal	1.87	[CLS] rth altitude : 98ft . [SEP]
				[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	Normal (0.56)	CommunicationIssue	-1.24	[CLS] signal
				[CLS] signal



Normal	Normal (0.92)	Normal	1.85	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.43)	Normal	0.91	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.44)	SurroundingEnvironment	0.55	[CLS] strong wind warning . [SEP]
SoftwareFault	Normal (0.76)	SoftwareFault	-0.08	[CLS] aircraft unable to return to home automatically . [SEP]
Normal	Normal (0.87)	Normal	2.13	[CLS] lower altitude immediately and return to home manually [SEP]
				[CLS]
				switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.61)	Normal	1.59	[CLS]
Normal	Normal (0.63)	Normal	1.83	switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.79)	Normal	2.10	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.39)	SoftwareFault	0.79	[CLS] vision sensor error . [SEP]
Normal	Normal (0.63)	Normal	1.86	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.79)	Normal	1.86	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.71)	Normal	1.87	[CLS] waypoint mission paused [SEP]
SoftwareFault	Normal (0.34)	SoftwareFault	1.50	[CLS] weak gps signal . [SEP]
Normal	Normal (0.56)	Normal	1.43	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.88)	Normal	1.21	[CLS] fly with caution . [SEP]
CommunicationIssue	HardwareFault (0.24)	CommunicationIssue	0.96	[CLS] weak signal . [SEP]
Normal	Normal (0.54)	Normal	1.31	[CLS] adjust antennas [SEP]
RegulationViolation	Normal (0.67)	RegulationViolation	-1.47	[CLS] your aircraft is flying in an altitude zone ( nnn ) . [SEP]
Normal	Normal (0.82)	Normal	1.17	[CLS] please fly with caution [SEP]