

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.84)	SurroundingEnvironment	-0.74	[CLS] a passenger aircraft is nearby .
				[SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] flight altitude and distance restricted to nnn and nnn .
				[SEP]
				[CLS] check and log in [SEP]
				[CLS] activetrack flight paused [SEP]
Normal	Normal (0.61)	Normal	-0.60	[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] obstacle avoidance is not available [SEP]
				[CLS] aircraft activetrack available at max speed .
ParamViolation	Normal (0.64)	ParamViolation	2.17	[SEP]
				[CLS] aircraft activetrack available at max speed .
				[SEP]
				[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
Normal	Normal (0.91)	Normal	1.93	[CLS] aircraft
				[SEP]
				[CLS] aircraft
				[SEP]
Normal	Normal (0.76)	Normal	1.51	[CLS] aircraft
				[SEP]
				[CLS] aircraft
				[SEP]
Normal	Normal (0.93)	Normal	0.72	[CLS] aircraft
				[SEP]
				[CLS] aircraft
				[SEP]
Normal	Normal (0.90)	Normal	0.71	[CLS] aircraft
				[SEP]
				[CLS] aircraft
				[SEP]
Normal	Normal (0.93)	Normal	0.72	[CLS] aircraft
				[SEP]
				[CLS] aircraft
				[SEP]
Normal	Normal (0.83)	Normal	0.33	[CLS] aircraft
				[SEP]
				[CLS] aircraft
				[SEP]

Normal	Normal (0.80)	Normal	3.08	activetrack
				max speed of
				nnn and
				obstacle
				avoidance functions normally [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	0.92	[CLS] aircraft
				core board
				overheated [SEP]
Normal	Normal (0.84)	Normal	2.65	[CLS] aircraft
				entered fixed
				- wing mode . [SEP]
Normal	Normal (0.70)	Normal	1.92	[CLS] current
				flight speed is
				nnn . [SEP]
Normal	Normal (0.82)	Normal	-0.42	[CLS] press
				c2 to exit
				[SEP]
Normal	Normal (0.72)	Normal	-0.08	[CLS] aircraft
				flight control
				unlocked [SEP]
RegulationViolation	Normal (0.67)	RegulationViolation	-1.14	[CLS] aircraft
				in restricted
				zones . [SEP]
Normal	Normal (0.87)	Normal	0.92	[CLS] check
				map to find
				recommended zones [SEP]
Normal	Normal (0.86)	Normal	0.01	[CLS] aircraft
				is in attitude
				mode , so that it will not hover . [SEP]
Normal	Normal (0.94)	Normal	-0.17	[CLS] please
				fly with
				caution . [SEP]
Normal	Normal (0.88)	Normal	2.43	[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.92)	Normal	1.91	[CLS] exit
				this mode and
				try again

				[SEP]
Normal	Normal (0.87)	Normal	1.85	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	Normal (0.46)	ParamViolation	1.19	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.64)	RegulationViolation	-0.24	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.51)	Normal	-0.28	[CLS] rth may be affected . [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] fly with caution [SEP]
Normal	Normal (0.70)	Normal	-0.36	[CLS] arrived at start point . [SEP]
Normal	Normal (0.77)	Normal	-0.56	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.74)	Normal	0.73	[CLS] auto landing initiated [SEP]
Normal	Normal (0.55)	Normal	-0.92	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.38)	SoftwareFault	1.59	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	Normal (0.79)	HardwareFault	1.81	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.62)	HardwareFault	1.66	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.81)	Normal	1.73	home automatically [SEP]
HardwareFault	HardwareFault (0.44)	HardwareFault	1.83	[CLS] battery power low . [SEP]
Normal	Normal (0.85)	Normal	1.52	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.63)	HardwareFault	0.89	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.38)	SurroundingEnvironment	1.50	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.85)	Normal	-0.48	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.46)	HardwareFault	1.19	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.60)	SoftwareFault	1.12	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.48)	HardwareFault	1.65	[CLS] low battery [SEP]
SoftwareFault	Normal (0.56)	SoftwareFault	-0.46	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	Normal (0.64)	SoftwareFault	1.83	[CLS] cannot start self - timer . [SEP]
SoftwareFault	Normal (0.39)	SoftwareFault	0.28	[CLS] exposure time is too long [SEP]

SoftwareFault	Normal (0.52)	SoftwareFault	2.20	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.91)	Normal	2.50	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.35)	SoftwareFault	1.56	[CLS] cannot track subject [SEP]
SurroundingEnvironment	HardwareFault (0.28)	SurroundingEnvironment	-0.28	[CLS] no image [SEP]
Normal	Normal (0.77)	Normal	-0.47	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.35)	SoftwareFault	1.56	[CLS] cannot track subject [SEP]
SurroundingEnvironment	HardwareFault (0.27)	SurroundingEnvironment	1.77	[CLS] subject too large [SEP]
Normal	Normal (0.89)	Normal	0.89	[CLS] move away and retry [SEP]
Normal	Normal (0.91)	Normal	1.15	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.94)	Normal	0.41	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.47)	HardwareFault	1.81	[CLS] compass abnormal . [SEP]
Normal	Normal (0.72)	Normal	-0.06	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.68)	Normal	-0.60	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.73)	Normal	1.80	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.90)	Normal	0.43	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	0.33	[CLS] compass error [SEP]
HardwareFault	Normal (0.52)	HardwareFault	1.05	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.67	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.67	[CLS] compass error . [SEP]
HardwareFault	Normal (0.42)	HardwareFault	1.46	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.53)	HardwareFault	1.67	[CLS] compass error . [SEP]
SurroundingEnvironment	HardwareFault (0.44)	SurroundingEnvironment	0.60	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.87)	Normal	-0.17	[CLS] exit p - gps mode [SEP]

				[CLS]
SoftwareFault	Normal (0.34)	SoftwareFault	1.65	compass
				initialization
				failed . [SEP]
Normal	Normal (0.77)	Normal	1.12	[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.55)	HardwareFault	1.87	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.64)	Normal	-0.42	[CLS] aircraft
				in auto power
				off protection
				. [SEP]
Normal	Normal (0.62)	Normal	0.17	[CLS] forced
				landing in
				progress
				[SEP]
HardwareFault	HardwareFault (0.55)	HardwareFault	1.87	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.66)	Normal	0.39	[CLS] aircraft
				landing
				automatically
				[SEP]
HardwareFault	HardwareFault (0.55)	HardwareFault	1.87	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.88)	Normal	0.35	[CLS] return
				to home or
				land promptly
				[SEP]
HardwareFault	HardwareFault (0.48)	HardwareFault	1.98	[CLS]
				critically low
				power . [SEP]
Normal	Normal (0.56)	Normal	-0.72	[CLS] aircraft
				is landing
				[SEP]
HardwareFault	HardwareFault (0.48)	HardwareFault	1.98	[CLS]
				critically low
				power . [SEP]
Normal	Normal (0.60)	Normal	0.08	[CLS] aircraft
				landing .
				[SEP]
Normal	Normal (0.60)	Normal	0.08	[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.92)	Normal	0.24	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	Normal (0.41)	HardwareFault	1.43	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.64)	Normal	1.52	[CLS] aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.85	[CLS] critically low voltage . [SEP]
Normal	Normal (0.73)	Normal	0.24	[CLS] aircraft will land [SEP]
Normal	Normal (0.75)	Normal	1.34	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.74)	Normal	1.29	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.76)	Normal	1.41	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.77)	Normal	1.26	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.77)	Normal	1.34	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.75)	Normal	1.05	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.78)	Normal	-0.08	[CLS] disable sd card read and write



				protection or change card [SEP]
				[CLS]
CommunicationIssue	Normal (0.65)	CommunicationIssue	0.40	downlink lost [SEP]
				[CLS]
Normal	Normal (0.80)	Normal	0.30	downlink restored ( after 0m 2 . 9s ) . [SEP]
				[CLS]
Normal	Normal (0.44)	Normal	-1.08	drone is vibrating [SEP]
				[CLS]
Normal	Normal (0.80)	Normal	-0.47	entered cruise control mode . [SEP]
				[CLS]
Normal	Normal (0.89)	Normal	0.76	press c1 or c2 to exit [SEP]
				[CLS]
ParamViolation	HardwareFault (0.35)	ParamViolation	1.11	excessive attitude angle detected [SEP]
				[CLS]
SoftwareFault	Normal (0.81)	SoftwareFault	0.53	forward obstacle avoidance has stopped working [SEP]
				[CLS]
Normal	Normal (0.66)	Normal	-0.60	exit backward sensing system [SEP]
				[CLS]
SurroundingEnvironment	SurroundingEnvironment (0.27)	SurroundingEnvironment	2.35	ambient light is too weak [SEP]
				[CLS]
Normal	Normal (0.40)	Normal	-0.94	exited visual avoidance system . [SEP]
				[CLS]
SoftwareFault	Normal (0.58)	SoftwareFault	2.27	exiting gps mode : unknown error [SEP]

ParamViolation	Normal (0.40)	ParamViolation	1.44	[CLS] extra payload detected . [SEP]
Normal	Normal (0.56)	Normal	1.33	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] fly with caution [SEP]
SoftwareFault	Normal (0.53)	SoftwareFault	2.21	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	Normal (0.54)	SoftwareFault	1.52	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.51)	HardwareFault	2.30	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.71)	Normal	-0.35	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	Normal (0.55)	HardwareFault	0.70	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.44)	Normal	-0.77	[CLS] ground plain . [SEP]
Normal	Normal (0.73)	Normal	-0.64	[CLS] safe to land . [SEP]
ParamViolation	Normal (0.40)	ParamViolation	1.33	[CLS] high altitude . [SEP]
Normal	Normal (0.74)	Normal	2.13	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.94)	Normal	-0.05	[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.29)	SurroundingEnvironment	2.03	[CLS] high wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.11	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.29)	SurroundingEnvironment	2.03	[CLS] high wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.11	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.29)	SurroundingEnvironment	2.03	[CLS] high wind velocity . [SEP]
Normal	Normal (0.97)	Normal	0.75	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.61)	Normal	-0.67	[CLS] high - altitude flight [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] fly with caution [SEP]
Normal	Normal (0.78)	Normal	0.02	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.74)	Normal	1.72	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.85)	Normal	-0.35	[CLS] home

ParamViolation	Normal (0.45)	ParamViolation	-0.86	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (0.84)	Normal	1.05	aircraft is level [SEP]
SoftwareFault	Normal (0.62)	SoftwareFault	1.80	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.65)	Normal	-0.53	calibrate imu [SEP]
Normal	Normal (0.52)	Normal	0.05	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.81)	Normal	0.23	[CLS] landing gear paused . [SEP]
Normal	Normal (0.68)	Normal	-0.52	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.75)	Normal	-0.20	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.35)	HardwareFault	0.31	[CLS] low power . [SEP]
Normal	Normal (0.88)	Normal	0.02	[CLS] aircraft is returning to the home point . [SEP]
				[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.35)	HardwareFault	0.31	

Normal	Normal (0.67)	Normal	-0.44	[CLS] returning home . [SEP]
				[CLS] magnetic
SurroundingEnvironment	HardwareFault (0.44)	SurroundingEnvironment	0.60	filed interference . [SEP]
				[CLS] exit p -
Normal	Normal (0.87)	Normal	0.93	gps mode . [SEP]
				[CLS] yaw error . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.73	[CLS] manned aircraft detected nearby . [SEP]
				[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.45)	SurroundingEnvironment	1.65	[CLS] max altitude approached . [SEP]
				[CLS] wait for the gps satellite signal recovery before ascend [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] max flight altitude reached . [SEP]
ParamViolation	Normal (0.60)	ParamViolation	0.20	[CLS] adjust in main controller settings if necessary [SEP]
				[CLS] max flight distance reached . [SEP]
Normal	Normal (0.91)	Normal	-0.06	[CLS] adjust
ParamViolation	Normal (0.64)	ParamViolation	1.37	
Normal	Normal (0.89)	Normal	2.21	
ParamViolation	Normal (0.57)	ParamViolation	1.87	
				[CLS] adjust

Normal	Normal (0.93)	Normal	0.35	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.52)	ParamViolation	2.00	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.95)	Normal	1.22	in mc settings if required . [SEP] [CLS] mobile device cpu
HardwareFault	Normal (0.71)	HardwareFault	1.48	fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.55)	Normal	-0.17	will be affected . [SEP] [CLS] mobile device version too old to support hd image
SoftwareFault	Normal (0.75)	SoftwareFault	1.58	transmission and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor is blocked . [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.74	[CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or contact dji support for
Normal	Normal (0.81)	Normal	-0.50	

				assistance
				[SEP]
Normal	Normal (0.58)	Normal	-0.12	[CLS] motors
				started . [SEP]
SoftwareFault	Normal (0.34)	SoftwareFault	-0.55	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.35)	Normal	0.94	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] fly with
				caution [SEP]
SoftwareFault	Normal (0.34)	SoftwareFault	-0.55	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.37)	Normal	0.76	[CLS] unable
				to hover . [SEP]
Normal	Normal (0.94)	Normal	-0.05	[CLS] fly with
				caution [SEP]
				[CLS]
				obstacle
Normal	Normal (0.65)	Normal	-0.53	avoidance
				disabled . [SEP]
Normal	Normal (0.74)	Normal	0.55	[CLS] landing
				gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.65)	Normal	-0.53	avoidance
				disabled . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.65)	Normal	-0.53	avoidance
				disabled . [SEP]
				[CLS] landing
				gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.87)	Normal	1.49	avoidance has
				been disabled . [SEP]
				[CLS]
				precision

				landing [SEP]
Normal	Normal (0.77)	Normal	-0.54	[CLS] quickshot has ended [SEP]
Normal	Normal (0.48)	Normal	1.16	[CLS] recenter gimbal pan [SEP]
Normal	Normal (0.71)	Normal	0.01	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	Normal (0.35)	SurroundingEnvironment	1.39	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.93)	Normal	0.79	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (0.77)	Normal	1.43	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.78)	Normal	1.77	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.83)	Normal	-0.54	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.75)	Normal	0.50	[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.64)	Normal	0.18	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.71)	Normal	0.59	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	Normal (0.33)	CommunicationIssue	-0.23	[CLS] signal



Normal	Normal (0.79)	Normal	0.54	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.73)	Normal	-0.63	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.51)	SurroundingEnvironment	0.15	[CLS] strong
				wind warning . [SEP]
				[CLS] aircraft
SoftwareFault	Normal (0.76)	SoftwareFault	1.29	unable to return to home automatically . [SEP]
				[CLS] lower altitude immediately and return to home manually [SEP]
				[CLS] switched to s ( sport ) - mode . [SEP]
Normal	Normal (0.93)	Normal	1.00	[CLS] switched to t ( tripod ) - mode . [SEP]
Normal	Normal (0.85)	Normal	-0.26	[CLS] take off in p - mode [SEP]
Normal	Normal (0.78)	Normal	1.67	[CLS] vision sensor error . [SEP]
SoftwareFault	HardwareFault (0.52)	SoftwareFault	1.88	[CLS] contact dji support for assistance [SEP]
				[CLS] vision systems and obstacle avoidance disabled [SEP]
Normal	Normal (0.87)	Normal	0.68	
Normal	Normal (0.65)	Normal	-0.11	

Normal	Normal (0.73)	Normal	-0.28	[CLS]
				waypoint
				mission
				paused [SEP]
SoftwareFault	HardwareFault (0.41)	SoftwareFault	-0.47	[CLS] weak
				gps signal .
				[SEP]
Normal	Normal (0.64)	Normal	1.73	[CLS] aircraft
				is in attitude
				mode and
				hovering may
Normal	Normal (0.96)	Normal	-0.15	be unstable .
				[SEP]
CommunicationIssue	HardwareFault (0.36)	CommunicationIssue	0.90	[CLS] fly with
				caution .
				[SEP]
Normal	Normal (0.75)	Normal	-0.11	[CLS] weak
				signal . [SEP]
Normal	Normal (0.75)	Normal	-0.11	[CLS] adjust
				antennas
				[SEP]
RegulationViolation	Normal (0.84)	RegulationViolation	-1.28	[CLS] your
				aircraft is
				flying in an
				altitude zone
Normal	Normal (0.95)	Normal	0.03	( nnn ) . [SEP]
Normal	Normal (0.95)	Normal	0.03	[CLS] please
				fly with
				caution [SEP]