

Legend:
■ Negative
 □ Neutral
 ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.46)	SurroundingEnvironment	0.51	[CLS] A passenger aircraft is nearby . [SEP]
				[CLS] Fly with caution [SEP]
				[CLS] Account not logged in . [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] Flight altitude and distance restricted to nnn and nnn . [SEP]
Normal	Normal (0.44)	Normal	1.24	[CLS] Check and log in [SEP]
ParamViolation	Normal (0.80)	ParamViolation	0.66	[CLS]
				ActiveTrack Flight Paused [SEP]
				[CLS] Aircraft ActiveTrack available at max speed . [SEP]
Normal	Normal (0.88)	Normal	1.55	[CLS] Obstacle Avoidance is not available [SEP]
Normal	Normal (0.50)	Normal	1.78	[CLS] Aircraft ActiveTrack available at max speed . [SEP]
Normal	Normal (0.59)	Normal	2.58	[CLS] Aircraft ActiveTrack available at max speed . [SEP]
Normal	Normal (0.75)	Normal	2.42	[CLS] When exceeding nnn , Obstacle Avoidance is not available [SEP]
Normal	Normal (0.59)	Normal	2.58	[CLS] Aircraft ActiveTrack max speed of

Normal	Normal (0.82)	Normal	0.53	nnn and Obstacle Avoidance functions normally [SEP] [CLS] Aircraft
HardwareFault	HardwareFault (0.38)	HardwareFault	1.44	Core Board Overheated [SEP] [CLS] Aircraft
Normal	Normal (0.62)	Normal	1.85	entered Fixed - Wing Mode . [SEP]
Normal	Normal (0.70)	Normal	1.50	[CLS] Current flight speed is nnn . [SEP]
Normal	Normal (0.77)	Normal	-0.81	[CLS] Press C 2 to exit [SEP]
Normal	Normal (0.56)	Normal	1.58	[CLS] Aircraft flight control unlocked [SEP]
RegulationViolation	Normal (0.73)	RegulationViolation	-0.63	[CLS] Aircraft in Restricted Zones . [SEP] [CLS] Check map to find Recommended Zones [SEP]
Normal	Normal (0.82)	Normal	1.77	[CLS] Aircraft is in Attitude mode , so that it will not hover . [SEP] [CLS] Please
Normal	Normal (0.88)	Normal	1.76	fly with caution . [SEP] [CLS] Aircraft
Normal	Normal (0.59)	Normal	1.40	is in Tripod Mode . [SEP] [CLS] Exit this
Normal	Normal (0.85)	Normal	1.77	mode and try again [SEP] [CLS] Aircraft
Normal	Normal (0.75)	Normal	1.55	is returning to the starting

ParamViolation	Normal (0.54)	ParamViolation	1.67	point [SEP]
				[CLS] Aircraft
				out of Range [SEP]
RegulationViolation	Normal (0.60)	RegulationViolation	-0.08	[CLS]
				Approaching a No Fly Zone . [SEP]
				[CLS] RTH
Normal	Normal (0.71)	Normal	1.48	may be affected . [SEP]
				[CLS] Fly with caution [SEP]
				[CLS] Arrived at Start Point . [SEP]
Normal	Normal (0.69)	Normal	1.76	[CLS] Starting Waypoint Mission [SEP]
				[CLS] Auto landing initiated [SEP]
				[CLS]
Normal	Normal (0.61)	Normal	1.85	Auxiliary Bottom Light turned off [SEP]
				[CLS]
				Backward Obstacle Sensing is not functioning . [SEP]
SoftwareFault	Normal (0.61)	SoftwareFault	1.30	[CLS] Battery cell broken , please replace the battery [SEP]
				[CLS] Battery error . [SEP]
				[CLS] Aircraft returning to home automatically [SEP]
HardwareFault	HardwareFault (0.56)	HardwareFault	1.48	[CLS] Battery power low .
Normal	Normal (0.79)	Normal	2.21	
HardwareFault	HardwareFault (0.53)	HardwareFault	1.09	

				[SEP]
				[CLS] Check
Normal	Normal (0.81)	Normal	1.57	battery status and charge or warm up
				battery [SEP]
HardwareFault	Normal (0.67)	HardwareFault	-1.36	[CLS] Cache
				Space Full
				[SEP]
SurroundingEnvironment	Normal (0.27)	SurroundingEnvironment	1.18	[CLS]
				Calibration
				subject is too
				close . [SEP]
				[CLS]
Normal	Normal (0.90)	Normal	0.19	Recalibrate
				using a
				subject that is
				farther away
				[SEP]
				[CLS] Camera
HardwareFault	Normal (0.50)	HardwareFault	0.12	busy , cannot
				enter
				playback
				[SEP]
				[CLS] Cannot
SoftwareFault	Normal (0.73)	SoftwareFault	1.57	enable
				Intelligent
				Flight Mode
				[SEP]
HardwareFault	HardwareFault (0.43)	HardwareFault	1.37	[CLS] Low
				Battery [SEP]
				[CLS] Cannot
SoftwareFault	Normal (0.62)	SoftwareFault	0.37	start Return
				to Home due
				to weak GPS
				signal [SEP]
				[CLS] Cannot
SoftwareFault	Normal (0.39)	SoftwareFault	1.58	start Self -
				Timer . [SEP]
				[CLS]
SoftwareFault	Normal (0.40)	SoftwareFault	0.76	Exposure time
				is too long
				[SEP]
				[CLS] Cannot
SoftwareFault	Normal (0.46)	SoftwareFault	1.25	switch flight
				mode . [SEP]
				[CLS] Turn on
				"Multiple

Normal	Normal (0.94)	Normal	3.05	Flight Modes "to enable Att i and Sport Modes . [SEP]
SoftwareFault	Normal (0.42)	SoftwareFault	2.15	[CLS] Cannot track subject [SEP]
SurroundingEnvironment	Normal (0.45)	SurroundingEnvironment	-1.57	[CLS] No image [SEP]
Normal	Normal (0.66)	Normal	0.45	[CLS] Please retry [SEP]
SoftwareFault	Normal (0.42)	SoftwareFault	2.15	[CLS] Cannot track subject [SEP]
SurroundingEnvironment	Normal (0.38)	SurroundingEnvironment	-0.08	[CLS] Subject too Large [SEP]
Normal	Normal (0.91)	Normal	1.77	[CLS] Move Away and retry [SEP]
Normal	Normal (0.84)	Normal	0.08	[CLS] Color display in the Liveview has been enhanced . [SEP]
Normal	Normal (0.89)	Normal	1.99	[CLS] Videos and photos will still be shot in D -Log mode [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.11	[CLS] Compass abnormal . [SEP]
Normal	Normal (0.87)	Normal	-0.13	[CLS] Solution : 1 . Ensure there are no magnets or metal objects near the aircraft . [SEP]
Normal	Normal (0.72)	Normal	0.88	[CLS] The ground or walls may contain metal . [SEP]

Normal	Normal (0.86)	Normal	-1.31	[CLS] Move away from sources of interference before attempting flight . [SEP]
				[CLS] 2 . Calibrate
				Compass Before Takeoff [SEP]
HardwareFault	HardwareFault (0.47)	HardwareFault	0.88	[CLS]
				Compass Error [SEP]
				[CLS]
HardwareFault	HardwareFault (0.42)	HardwareFault	1.17	Compass error , calibration required [SEP]
				[CLS]
				Compass Error . [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	0.39	[CLS]
				Compass Error . [SEP]
				[CLS]
HardwareFault	HardwareFault (0.54)	HardwareFault	0.39	Compass Error . [SEP]
				[CLS]
				Compass disconnected [SEP]
HardwareFault	HardwareFault (0.40)	HardwareFault	1.80	[CLS]
				Compass Error . [SEP]
				[CLS]
SurroundingEnvironment	Normal (0.30)	SurroundingEnvironment	1.33	Magnetic Filed Interference . [SEP]
				[CLS]
				Exit P .
Normal	Normal (0.65)	Normal	2.05	GPS Mode [SEP]
				[CLS]
				Compass initialization failed . [SEP]
SoftwareFault	HardwareFault (0.40)	SoftwareFault	1.37	[CLS]
				Restart aircraft [SEP]
Normal	Normal (0.80)	Normal	1.21	

HardwareFault	HardwareFault (0.49)	HardwareFault	1.51	[CLS] Critical low battery . [SEP]
Normal	Normal (0.59)	Normal	1.48	[CLS] Aircraft in Auto Power Off Protection . [SEP]
Normal	Normal (0.66)	Normal	-1.13	[CLS] Forced landing in progress [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.51	[CLS] Critical low battery . [SEP]
Normal	Normal (0.45)	Normal	-1.13	[CLS] Aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.51	[CLS] Critical low battery . [SEP]
Normal	Normal (0.92)	Normal	-0.30	[CLS] Return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.06	[CLS] Critically low power . [SEP]
Normal	Normal (0.43)	Normal	1.53	[CLS] Aircraft is landing [SEP]
HardwareFault	HardwareFault (0.31)	HardwareFault	1.02	[CLS] Critically Low Power . [SEP]
Normal	Normal (0.56)	Normal	1.15	[CLS] Aircraft Landing . [SEP]
Normal	Normal (0.56)	Normal	1.15	[CLS] Aircraft Landing . [SEP]
Normal	Normal (0.90)	Normal	2.68	[CLS] Throttle up to reduce the speed of descent and use sticks to avoid obstacles [SEP]

				[CLS] Critically Low Vol tage Warning . [SEP]
HardwareFault	HardwareFault (0.38)	HardwareFault	1.21	
Normal	Normal (0.81)	Normal	-1.37	[CLS] Aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.38)	HardwareFault	1.15	[CLS] Critically Low Vol tage . [SEP]
Normal	Normal (0.63)	Normal	0.76	[CLS] Aircraft will land [SEP]
Normal	Normal (0.79)	Normal	1.13	[CLS] Data Recorder File Index is 15 . [SEP]
Normal	Normal (0.79)	Normal	1.86	[CLS] Data Recorder File Index is 17 . [SEP]
Normal	Normal (0.79)	Normal	-0.69	[CLS] Data Recorder File Index is 30 . [SEP]
Normal	Normal (0.81)	Normal	2.24	[CLS] Data Recorder File Index is 45 . [SEP]
Normal	Normal (0.80)	Normal	1.93	[CLS] Data Recorder File Index is 46 . [SEP]
Normal	Normal (0.79)	Normal	1.71	[CLS] Data Recorder File Index is 65 . [SEP]
Normal	Normal (0.90)	Normal	1.02	[CLS] Disable SD card read and write protection or change card [SEP]
CommunicationIssue	Normal (0.32)	CommunicationIssue	-0.48	[CLS] Downlink Lost .[SEP]

				[CLS]
Normal	Normal (0.88)	Normal	2.78	Downlink Restored (after 0 m 2 . 9 s). [SEP]
Normal	Normal (0.70)	Normal	1.54	[CLS] Drone is Vibrating [SEP]
Normal	Normal (0.52)	Normal	-0.48	[CLS] Entered Cruise Control mode . [SEP]
Normal	Normal (0.88)	Normal	0.60	[CLS] Press C 1 or C 2 to exit [SEP]
ParamViolation	Normal (0.36)	ParamViolation	1.46	[CLS] Excessive attitude angle detected [SEP]
SoftwareFault	Normal (0.63)	SoftwareFault	0.73	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.77)	Normal	1.85	[CLS] Exit Backward Sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.31)	SurroundingEnvironment	1.34	[CLS] Ambient Light is too weak [SEP]
Normal	Normal (0.64)	Normal	1.71	[CLS] Exited Visual Avoidance System . [SEP]
SoftwareFault	Normal (0.53)	SoftwareFault	1.17	[CLS] Exiting GPS mode : Unknown Error [SEP]
ParamViolation	SoftwareFault (0.25)	ParamViolation	1.23	[CLS] Extra payload detected . [SEP]
Normal	Normal (0.70)	Normal	-0.98	[CLS] Flight performance will be affected . [SEP]

Normal	Normal (0.95)	Normal	0.82	[CLS] Fly with caution [SEP] [CLS] Forward Obstacle Sensing is not functioning . [SEP] [CLS] Forward Obstacle Sensing not Responding [SEP] [CLS] Gimbal motor overloaded . [SEP] [CLS] Check whether gimbal can rotate freely [SEP] [CLS] Gimbal Pitch Limit Reached . [SEP] [CLS] Ground Plain . [SEP] [CLS] Safe to Land . [SEP] [CLS] High altitude . [SEP] [CLS] Aircraft braking distance increased and flight time decreased . [SEP] [CLS] Fly with caution [SEP] [CLS] High wind velocity . [SEP] [CLS] Ensure
SoftwareFault	Normal (0.54)	SoftwareFault	1.36	
SoftwareFault	Normal (0.68)	SoftwareFault	1.35	
HardwareFault	HardwareFault (0.38)	HardwareFault	-1.26	
Normal	Normal (0.84)	Normal	-0.72	
HardwareFault	Normal (0.46)	HardwareFault	0.41	
Normal	Normal (0.30)	Normal	1.68	
Normal	Normal (0.62)	Normal	0.67	
ParamViolation	HardwareFault (0.22)	ParamViolation	-0.00	
Normal	Normal (0.67)	Normal	-1.28	
Normal	Normal (0.95)	Normal	0.82	
SurroundingEnvironment	HardwareFault (0.28)	SurroundingEnvironment	0.91	

Normal	Normal (0.89)	Normal	2.30	the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	HardwareFault (0.28)	SurroundingEnvironment	0.91	[CLS] High wind velocity . [SEP]
Normal	Normal (0.89)	Normal	2.30	[CLS] Ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	HardwareFault (0.28)	SurroundingEnvironment	0.91	[CLS] High wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.54	[CLS] Fly with caution and land in a safe place ASAP . [SEP]
Normal	Normal (0.32)	Normal	0.31	[CLS] High - altitude flight [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] Fly with caution [SEP]
Normal	Normal (0.70)	Normal	0.73	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.54)	Normal	1.26	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.72)	Normal	-0.51	[CLS] Home Point Updated . [SEP]
ParamViolation	Normal (0.51)	ParamViolation	0.76	[CLS] IM U attitude restricted . [SEP]
				[CLS] Ensure

Normal	Normal (0.72)	Normal	0.93	aircraft is level [SEP] [CLS] IM U
SoftwareFault	Normal (0.39)	SoftwareFault	0.80	not calibrated . [SEP] [CLS]
Normal	Normal (0.73)	Normal	1.90	Calibrate IM U [SEP]
Normal	Normal (0.66)	Normal	1.95	[CLS] Landing Canceled . [SEP]
Normal	Normal (0.80)	Normal	1.41	[CLS] Landing gear function restored [SEP]
Normal	Normal (0.60)	Normal	-0.22	[CLS] Landing Gear Paused . [SEP]
Normal	Normal (0.84)	Normal	1.85	[CLS] Landing Gear Raising . [SEP]
Normal	Normal (0.81)	Normal	0.22	[CLS] Home Point Recorded [SEP]
Normal	Normal (0.59)	Normal	1.22	[CLS] Live stream video frame rate less than 9Hz . [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] Fly with caution [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.31	[CLS] Low Power . [SEP]
Normal	Normal (0.80)	Normal	2.26	[CLS] Aircraft is returning to the Home Point . [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.31	[CLS] Low Power . [SEP]
Normal	Normal (0.75)	Normal	0.97	[CLS] Returning home . [SEP]
SurroundingEnvironment	Normal (0.30)	SurroundingEnvironment	1.33	[CLS] Magnetic Filed Interference . [SEP]

Normal	Normal (0.59)	Normal	2.30	[CLS] Exit P GPS Mode . [SEP]
HardwareFault	Normal (0.49)	HardwareFault	1.35	[CLS] Yaw Error . [SEP]
SurroundingEnvironment	Normal (0.44)	SurroundingEnvironment	1.41	[CLS] Manned aircraft detected nearby . [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] Fly with caution [SEP]
ParamViolation	Normal (0.37)	ParamViolation	0.07	[CLS] Max Altitude Approached . [SEP]
Normal	Normal (0.85)	Normal	1.44	[CLS] Wait for the GPS satellite signal recovery before ascend [SEP]
ParamViolation	Normal (0.49)	ParamViolation	1.19	[CLS] Max Flight Altitude Reached . [SEP]
Normal	Normal (0.91)	Normal	0.86	[CLS] Adjust in Main Controller Settings if necessary [SEP]
ParamViolation	Normal (0.53)	ParamViolation	-1.35	[CLS] Max Flight Distance Reached . [SEP]
Normal	Normal (0.88)	Normal	2.22	[CLS] Adjust in Main Controller Settings if necessary . [SEP]
ParamViolation	Normal (0.46)	ParamViolation	0.60	[CLS] Maximum flight distance reached . [SEP]
				[CLS] Adjust

Normal	Normal (0.90)	Normal	1.68	the distance in MC Settings if required . [SEP]
HardwareFault	Normal (0.45)	HardwareFault	1.26	[CLS] Mobile device CPU fully loaded . [SEP]
Normal	Normal (0.76)	Normal	1.44	[CLS] Related performance will be affected . [SEP]
SoftwareFault	Normal (0.82)	SoftwareFault	0.99	[CLS] Mobile device version too old to support HD image transmission and the image transmission mode has been switch to normal mode . [SEP]
Normal	Normal (0.61)	Normal	1.57	[CLS] Motor is Blocked . [SEP]
HardwareFault	Normal (0.48)	HardwareFault	0.15	[CLS] Motor stuck . [SEP]
Normal	Normal (0.91)	Normal	1.40	[CLS] Check for objects blocking motor or contact DJ I Support for assistance [SEP]
Normal	Normal (0.62)	Normal	1.64	[CLS] Motors Started . [SEP]
SoftwareFault	SoftwareFault (0.26)	SoftwareFault	1.39	[CLS] No GPS signal . [SEP]
Normal	Normal (0.42)	Normal	2.04	[CLS] Aircraft unable to hover . [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] Fly with caution [SEP]

SoftwareFault	SoftwareFault (0.26)	SoftwareFault	1.39	[CLS] No GPS signal . [SEP]
Normal	SoftwareFault (0.37)	Normal	-1.54	[CLS] Unable to hover . [SEP]
Normal	Normal (0.95)	Normal	0.82	[CLS] Fly with caution [SEP]
Normal	Normal (0.63)	Normal	1.47	[CLS] Obstacle Avoidance Disabled . [SEP]
Normal	Normal (0.63)	Normal	1.31	[CLS] Landing gear lowered . [SEP]
Normal	Normal (0.63)	Normal	1.47	[CLS] Obstacle Avoidance Disabled . [SEP]
Normal	Normal (0.59)	Normal	1.71	[CLS] Obstacle Avoidance disabled . [SEP]
Normal	Normal (0.63)	Normal	1.31	[CLS] Landing gear lowered . [SEP]
Normal	Normal (0.58)	Normal	2.03	[CLS] Obstacle Avoidance has been disabled . [SEP]
Normal	Normal (0.78)	Normal	1.30	[CLS] Precision Landing [SEP]
Normal	Normal (0.63)	Normal	-0.48	[CLS] QuickShot has ended [SEP]
Normal	Normal (0.61)	Normal	0.64	[CLS] Recenter Gimbal Pan [SEP]
Normal	Normal (0.67)	Normal	1.59	[CLS] Rectifying aircraft position [SEP]
				[CLS] Remote

SurroundingEnvironment	Normal (0.49)	SurroundingEnvironment	0.01	controller in high interference environment . [SEP] [CLS]
Normal	Normal (0.96)	Normal	0.25	Manually adjust flight route or return to home [SEP] [CLS] Return -
Normal	Normal (0.83)	Normal	1.94	to -Home Altitude : 65FT [SEP] [CLS] Return -
Normal	Normal (0.82)	Normal	1.28	to -Home Altitude : 98FT . [SEP] [CLS] RTH :
Normal	Normal (0.79)	Normal	-0.04	Ascending to RTH altitude . [SEP] [CLS] RTH :
Normal	Normal (0.61)	Normal	0.39	Heading alignment . [SEP]
Normal	Normal (0.60)	Normal	-1.04	[CLS] RTH Altitude : 65FT . [SEP]
Normal	Normal (0.62)	Normal	2.26	[CLS] RTH Altitude : 98FT . [SEP]
CommunicationIssue	HardwareFault (0.27)	CommunicationIssue	-0.95	[CLS] Signal Lost . [SEP] [CLS] Aircraft
Normal	Normal (0.78)	Normal	-0.40	returning to Home Point [SEP]
Normal	Normal (0.60)	Normal	1.31	[CLS] Sprayer turned ON [SEP]
SurroundingEnvironment	HardwareFault (0.27)	SurroundingEnvironment	0.73	[CLS] Strong wind warning . [SEP] [CLS] Aircraft
SoftwareFault	Normal (0.77)	SoftwareFault	-0.32	unable to return to

Normal	Normal (0.96)	Normal	2.37	home automatically . [SEP] [CLS] Lower altitude immediately and return to home manually [SEP] [CLS]
				Switched to S (Sport)-mode . [SEP] [CLS]
				Switched to T (Tripod)- mode . [SEP] [CLS]
				[CLS] Take off in P -Mode [SEP] [CLS]
SoftwareFault	HardwareFault (0.53)	SoftwareFault	1.15	[CLS] Vision sensor error . [SEP] [CLS]
Normal	Normal (0.90)	Normal	0.31	Contact DJ I Support for assistance [SEP] [CLS]
Normal	Normal (0.66)	Normal	-0.14	Vision systems and obstacle avoidance disabled [SEP] [CLS]
Normal	Normal (0.50)	Normal	0.83	Waypoint Mission Paused [SEP] [CLS]
SoftwareFault	HardwareFault (0.33)	SoftwareFault	1.71	Weak GPS signal . [SEP] [CLS]
Normal	Normal (0.62)	Normal	1.21	Aircraft is in Attitude mode and hovering may be unstable . [SEP] [CLS]
Normal	Normal (0.85)	Normal	-1.47	Fly with caution . [SEP]

CommunicationIssue	HardwareFault (0.26)	CommunicationIssue	-0.57	[CLS] Weak signal . [SEP]
Normal	Normal (0.66)	Normal	0.32	[CLS] Adjust antennas [SEP]
RegulationViolation	Normal (0.73)	RegulationViolation	0.33	[CLS] Your aircraft is flying in an Altitude Zone (nn n). [SEP]
Normal	Normal (0.95)	Normal	0.12	[CLS] Please fly with caution [SEP]