

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.60)	SurroundingEnvironment	-0.36	[CLS] a passenger aircraft is nearby . [SEP]
				[CLS] fly with caution [SEP]
				[CLS] account not logged in . [SEP]
				[CLS] flight altitude and distance restricted to nnn and nnn . [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] check and log in [SEP]
				[CLS] activetrack flight paused [SEP]
				[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.28)	Normal	0.33	[CLS] aircraft activetrack available at max speed . [SEP]
				[CLS] when exceeding nnn , obstacle avoidance is not available [SEP]
				[CLS] aircraft
ParamViolation	Normal (0.68)	ParamViolation	2.18	
Normal	Normal (0.52)	Normal	1.10	
Normal	Normal (0.81)	Normal	1.66	
Normal	Normal (0.77)	Normal	2.14	
Normal	Normal (0.65)	Normal	1.79	
Normal	Normal (0.77)	Normal	2.14	
Normal	Normal (0.60)	Normal	1.97	

Normal	Normal (0.58)	Normal	2.00	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	1.93	[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 (0.77)	Normal	1.27	[CLS] aircraft is in tripod mode . [SEP]
				[CLS] exit this mode and try again
Normal	Normal (0.86)	Normal	1.88	
Normal	Normal (0.31)	Normal	0.48	
HardwareFault	Normal (0.34)	HardwareFault	2.12	
Normal	Normal (0.75)	Normal	2.01	
Normal	Normal (0.73)	Normal	1.62	
Normal	Normal (0.90)	Normal	1.83	
RegulationViolation	Normal (0.80)	RegulationViolation	-1.03	

				[SEP]
				[CLS] aircraft is returning
Normal	Normal (0.85)	Normal	1.86	to the starting point [SEP]
ParamViolation	Normal (0.68)	ParamViolation	1.06	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.77)	RegulationViolation	-0.92	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.61)	Normal	1.55	[CLS] rth may be affected . [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] fly with caution [SEP]
Normal	Normal (0.61)	Normal	2.27	[CLS] arrived at start point . [SEP]
Normal	Normal (0.63)	Normal	2.08	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.94)	Normal	1.59	[CLS] auto landing initiated [SEP]
Normal	Normal (0.36)	Normal	0.84	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.46)	SoftwareFault	1.42	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	HardwareFault (0.32)	HardwareFault	1.91	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.56)	HardwareFault	1.43	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.93)	Normal	1.82	home automatically [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.88	[CLS] battery power low . [SEP]
Normal	Normal (0.50)	Normal	2.18	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.39)	HardwareFault	2.05	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.30)	SurroundingEnvironment	0.60	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.50)	Normal	1.18	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.47)	HardwareFault	1.41	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.84)	SoftwareFault	-0.12	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.50)	HardwareFault	1.56	[CLS] low battery [SEP]
SoftwareFault	Normal (0.38)	SoftwareFault	1.12	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	HardwareFault (0.28)	SoftwareFault	0.72	[CLS] cannot start self - timer . [SEP]
SoftwareFault	Normal (0.47)	SoftwareFault	-0.98	[CLS] exposure time is too long [SEP]

SoftwareFault	Normal (0.85)	SoftwareFault	0.15	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.74)	Normal	1.87	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.37)	SoftwareFault	1.26	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.30)	SurroundingEnvironment	-0.95	[CLS] no image [SEP]
Normal	Normal (0.56)	Normal	1.58	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.37)	SoftwareFault	1.26	[CLS] cannot track subject [SEP]
SurroundingEnvironment	HardwareFault (0.26)	SurroundingEnvironment	1.65	[CLS] subject too large [SEP]
Normal	Normal (0.56)	Normal	1.61	[CLS] move away and retry [SEP]
Normal	Normal (0.34)	Normal	0.98	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.65)	Normal	2.09	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.37)	HardwareFault	1.23	[CLS] compass abnormal . [SEP]
Normal	Normal (0.50)	Normal	1.19	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.20)	Normal	-0.37	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.74)	Normal	1.45	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.70)	Normal	2.07	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.56)	HardwareFault	1.43	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.43)	HardwareFault	1.76	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.38	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.38	[CLS] compass error . [SEP]
HardwareFault	Normal (0.41)	HardwareFault	1.31	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.54)	HardwareFault	1.38	[CLS] compass error . [SEP]
SurroundingEnvironment	HardwareFault (0.25)	SurroundingEnvironment	1.33	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.79)	Normal	1.70	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.45)	SoftwareFault	0.77	[CLS]
				compass
				initialization
				failed . [SEP]
Normal	Normal (0.97)	Normal	1.46	[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.80	[CLS] critical
				low battery . [SEP]
Normal	Normal (0.78)	Normal	1.94	[CLS] aircraft
				in auto power
				off protection . [SEP]
Normal	Normal (0.85)	Normal	1.46	[CLS] forced
				landing in
				progress [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.80	[CLS] critical
				low battery . [SEP]
Normal	Normal (0.95)	Normal	1.74	[CLS] aircraft
				landing
				automatically [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.80	[CLS] critical
				low battery . [SEP]
Normal	Normal (0.89)	Normal	2.24	[CLS] return
				to home or
				land promptly [SEP]
HardwareFault	HardwareFault (0.31)	HardwareFault	1.66	[CLS]
				critically low
Normal	Normal (0.89)	Normal	1.39	power . [SEP]
				[CLS] aircraft
				is landing [SEP]
HardwareFault	HardwareFault (0.31)	HardwareFault	1.66	[CLS]
				critically low
Normal	Normal (0.92)	Normal	1.40	power . [SEP]
				[CLS] aircraft
				landing . [SEP]
Normal	Normal (0.92)	Normal	1.40	[CLS] aircraft
				landing . [SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.60)	Normal	2.66	the speed of descent and use sticks to avoid obstacles [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.52	[CLS] critically low voltage warning . [SEP]
Normal	Normal (0.83)	Normal	1.85	[CLS] aircraft will be forced to land [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.29	[CLS] critically low voltage . [SEP]
Normal	Normal (0.90)	Normal	1.64	[CLS] aircraft will land [SEP]
Normal	Normal (0.58)	Normal	1.48	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.59)	Normal	1.47	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.60)	Normal	1.58	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.58)	Normal	1.49	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.55)	Normal	1.39	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.54)	Normal	1.40	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.47)	Normal	2.68	[CLS] disable sd card read and write

				protection or change card [SEP] [CLS]
CommunicationIssue	Normal (0.63)	CommunicationIssue	-0.99	downlink lost . [SEP] [CLS]
Normal	Normal (0.50)	Normal	2.11	downlink restored (after 0m 2 . 9s) . [SEP] [CLS]
Normal	Normal (0.71)	Normal	1.02	drone is vibrating [SEP] [CLS]
Normal	Normal (0.90)	Normal	2.31	entered cruise control mode . [SEP] [CLS]
Normal	Normal (0.60)	Normal	1.85	press c1 or c2 to exit [SEP] [CLS]
ParamViolation	Normal (0.43)	ParamViolation	0.12	excessive attitude angle detected [SEP] [CLS]
SoftwareFault	Normal (0.51)	SoftwareFault	1.29	forward obstacle avoidance has stopped working [SEP] [CLS]
Normal	Normal (0.67)	Normal	1.32	exit backward sensing system [SEP] [CLS]
SurroundingEnvironment	SurroundingEnvironment (0.28)	SurroundingEnvironment	1.93	ambient light is too weak [SEP] [CLS]
Normal	Normal (0.68)	Normal	1.39	exited visual avoidance system . [SEP] [CLS]
SoftwareFault	Normal (0.38)	SoftwareFault	1.64	exiting gps mode : unknown error [SEP]

ParamViolation	Normal (0.48)	ParamViolation	1.11	[CLS] extra payload detected . [SEP]
Normal	Normal (0.80)	Normal	1.77	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] fly with caution [SEP]
SoftwareFault	Normal (0.39)	SoftwareFault	1.52	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	Normal (0.43)	SoftwareFault	1.29	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	Normal (0.44)	HardwareFault	1.72	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.46)	Normal	1.32	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	Normal (0.48)	HardwareFault	0.81	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.52)	Normal	0.87	[CLS] ground plain . [SEP]
Normal	Normal (0.79)	Normal	1.41	[CLS] safe to land . [SEP]
ParamViolation	Normal (0.63)	ParamViolation	1.38	[CLS] high altitude . [SEP]
Normal	Normal (0.54)	Normal	2.01	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.90)	Normal	1.35	[CLS] fly with caution [SEP]
SurroundingEnvironment	Normal (0.42)	SurroundingEnvironment	1.51	[CLS] high wind velocity . [SEP]
Normal	Normal (0.86)	Normal	2.20	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.42)	SurroundingEnvironment	1.51	[CLS] high wind velocity . [SEP]
Normal	Normal (0.86)	Normal	2.20	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	Normal (0.42)	SurroundingEnvironment	1.51	[CLS] high wind velocity . [SEP]
Normal	Normal (0.85)	Normal	1.91	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.82)	Normal	1.58	[CLS] high - altitude flight [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] fly with caution [SEP]
Normal	Normal (0.60)	Normal	1.41	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.83)	Normal	1.76	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.75)	Normal	1.84	[CLS] home

				point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
ParamViolation	Normal (0.45)	ParamViolation	1.68	[CLS] ensure aircraft is level [SEP]
Normal	Normal (0.89)	Normal	1.56	[CLS] imu not calibrated . [SEP]
SoftwareFault	Normal (0.30)	SoftwareFault	0.19	[CLS] calibrate imu [SEP]
Normal	Normal (0.45)	Normal	1.34	[CLS] landing canceled . [SEP]
Normal	Normal (0.83)	Normal	1.34	[CLS] landing gear function restored [SEP]
Normal	Normal (0.88)	Normal	1.77	[CLS] landing gear paused . [SEP]
Normal	Normal (0.91)	Normal	1.76	[CLS] landing gear raising . [SEP]
Normal	Normal (0.87)	Normal	1.69	[CLS] home point recorded [SEP]
Normal	Normal (0.80)	Normal	1.71	[CLS] live stream video frame rate less than 9hz . [SEP]
Normal	Normal (0.42)	Normal	1.63	[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.33)	HardwareFault	1.55	[CLS] low power . [SEP]
Normal	Normal (0.90)	Normal	1.94	[CLS] aircraft is returning to the home point . [SEP]
HardwareFault	HardwareFault (0.33)	HardwareFault	1.55	[CLS] low power . [SEP]

Normal	Normal (0.70)	Normal	1.58	[CLS] returning home . [SEP]
SurroundingEnvironment	HardwareFault (0.25)	SurroundingEnvironment	1.33	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.88)	Normal	1.88	[CLS] exit p - gps mode . [SEP]
HardwareFault	Normal (0.29)	HardwareFault	0.87	[CLS] yaw error . [SEP]
SurroundingEnvironment	Normal (0.77)	SurroundingEnvironment	-1.02	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] fly with caution [SEP]
ParamViolation	Normal (0.67)	ParamViolation	1.62	[CLS] max altitude approached . [SEP]
Normal	Normal (0.72)	Normal	2.13	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	Normal (0.75)	ParamViolation	1.86	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.75)	Normal	2.27	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	Normal (0.79)	ParamViolation	1.82	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.69)	Normal	2.07	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.75)	ParamViolation	1.62	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.74)	Normal	2.09	in mc settings if required . [SEP] [CLS] mobile device cpu
HardwareFault	Normal (0.41)	HardwareFault	1.59	fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.52)	Normal	2.16	will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission
SoftwareFault	Normal (0.34)	SoftwareFault	-0.77	and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
Normal	Normal (0.55)	Normal	1.10	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or
HardwareFault	Normal (0.57)	HardwareFault	1.60	contact dji support for

				assistance
				[SEP]
Normal	Normal (0.61)	Normal	1.18	[CLS] motors
				started . [SEP]
SoftwareFault	Normal (0.65)	SoftwareFault	0.52	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.61)	Normal	1.18	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] fly with
				caution [SEP]
SoftwareFault	Normal (0.65)	SoftwareFault	0.52	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.33)	Normal	0.64	[CLS] unable
				to hover . [SEP]
Normal	Normal (0.90)	Normal	1.35	[CLS] fly with
				caution [SEP]
				[CLS]
				obstacle
Normal	Normal (0.81)	Normal	1.57	avoidance
				disabled . [SEP]
Normal	Normal (0.88)	Normal	1.71	[CLS] landing
				gear lowered . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.81)	Normal	1.57	avoidance
				disabled . [SEP]
				[CLS]
				obstacle
Normal	Normal (0.81)	Normal	1.57	avoidance
				disabled . [SEP]
				[CLS]
				landing
Normal	Normal (0.88)	Normal	1.71	gear lowered
				. [SEP]
				[CLS]
				obstacle
Normal	Normal (0.72)	Normal	1.76	avoidance has
				been disabled . [SEP]
				[CLS]
				precision

				landing [SEP]
				[CLS]
Normal	Normal (0.50)	Normal	1.53	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.53)	Normal	1.70	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (0.87)	Normal	1.57	rectifying aircraft position [SEP]
				[CLS] remote controller in
SurroundingEnvironment	Normal (0.40)	SurroundingEnvironment	1.13	high interference environment . [SEP]
				[CLS]
Normal	Normal (0.88)	Normal	2.20	manually adjust flight route or return to home [SEP]
				[CLS] return -
Normal	Normal (0.79)	Normal	2.21	to - home altitude : 65ft [SEP]
				[CLS] return -
Normal	Normal (0.80)	Normal	2.14	to - home altitude : 98ft . [SEP]
				[CLS] rth :
Normal	Normal (0.75)	Normal	2.01	ascending to rth altitude . [SEP]
				[CLS] rth :
Normal	Normal (0.60)	Normal	1.85	heading alignment . [SEP]
				[CLS] rth
Normal	Normal (0.68)	Normal	1.94	altitude : 65ft . [SEP]
				[CLS] rth
Normal	Normal (0.69)	Normal	1.80	altitude : 98ft . [SEP]
				[CLS] signal
CommunicationIssue	Normal (0.57)	CommunicationIssue	-0.84	

Normal	Normal (0.93)	Normal	1.91	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.42)	Normal	1.27	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.36)	SurroundingEnvironment	0.95	[CLS] strong wind warning . [SEP]
SoftwareFault	Normal (0.81)	SoftwareFault	-0.54	[CLS] aircraft unable to return to home automatically . [SEP]
Normal	Normal (0.87)	Normal	2.12	[CLS] lower altitude immediately and return to home manually [SEP]
				[CLS]
				switched to s (sport) - mode . [SEP]
Normal	Normal (0.60)	Normal	1.74	[CLS]
Normal	Normal (0.66)	Normal	1.95	switched to t (tripod) - mode . [SEP]
Normal	Normal (0.77)	Normal	2.11	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.36)	SoftwareFault	0.62	[CLS] vision sensor error . [SEP]
Normal	Normal (0.66)	Normal	2.09	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.75)	Normal	1.92	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.67)	Normal	1.97	[CLS] waypoint mission paused [SEP]
SoftwareFault	Normal (0.34)	SoftwareFault	1.14	[CLS] weak gps signal . [SEP]
Normal	Normal (0.57)	Normal	1.48	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.88)	Normal	1.31	[CLS] fly with caution . [SEP]
CommunicationIssue	HardwareFault (0.23)	CommunicationIssue	1.40	[CLS] weak signal . [SEP]
Normal	Normal (0.48)	Normal	1.31	[CLS] adjust antennas [SEP]
RegulationViolation	Normal (0.68)	RegulationViolation	-1.51	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
Normal	Normal (0.82)	Normal	1.30	[CLS] please fly with caution [SEP]