

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.82)	SurroundingEnvironment	-0.74	[CLS] a passenger aircraft is nearby .
				[SEP]
				[CLS] fly with caution [SEP]
Normal	Normal (0.93)	Normal	0.01	
Normal	Normal (0.68)	Normal	-0.31	[CLS] account not logged in .
				[SEP]
ParamViolation	Normal (0.62)	ParamViolation	-0.07	[CLS] flight altitude and distance restricted to nnn and nnn .
				[SEP]
Normal	Normal (0.91)	Normal	1.93	[CLS] check and log in
				[SEP]
Normal	Normal (0.76)	Normal	1.44	[CLS] activetrack flight paused
				[SEP]
Normal	Normal (0.92)	Normal	0.38	[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (0.89)	Normal	0.63	[CLS] obstacle avoidance is not available
				[SEP]
Normal	Normal (0.92)	Normal	0.38	[CLS] aircraft activetrack available at max speed .
				[SEP]
Normal	Normal (0.82)	Normal	0.64	[CLS] when exceeding nnn , obstacle avoidance is not available
				[SEP]
				[CLS] aircraft

Normal	Normal (0.79)	Normal	2.28	activetrack
				max speed of
				nnn and
HardwareFault	HardwareFault (0.42)	HardwareFault	1.24	obstacle
				avoidance
				functions
Normal	Normal (0.83)	Normal	2.47	normally
				[SEP]
				[CLS] aircraft
Normal	Normal (0.67)	Normal	1.30	core board
				overheated
				[SEP]
Normal	Normal (0.83)	Normal	-0.36	[CLS] aircraft
				entered fixed
				- wing mode .
Normal	Normal (0.70)	Normal	-0.23	[SEP]
				[CLS] current
				flight speed is
Normal	Normal (0.83)	Normal	-0.36	nnn . [SEP]
				[CLS] press
				c2 to exit
Normal	Normal (0.70)	Normal	-0.23	[SEP]
				[CLS] aircraft
				flight control
RegulationViolation	Normal (0.70)	RegulationViolation	-1.11	unlocked
				[SEP]
				[CLS] aircraft
Normal	Normal (0.86)	Normal	1.04	in restricted
				zones . [SEP]
				[CLS] check
Normal	Normal (0.85)	Normal	-0.47	map to find
				recommended
				zones [SEP]
Normal	Normal (0.94)	Normal	-0.17	[CLS] aircraft
				is in attitude
				mode , so that
Normal	Normal (0.86)	Normal	2.25	it will not
				hover . [SEP]
				[CLS] please
Normal	Normal (0.91)	Normal	1.81	fly with
				caution .
				[SEP]
Normal	Normal (0.86)	Normal	2.25	[CLS] aircraft
				is in tripod
				mode . [SEP]
Normal	Normal (0.91)	Normal	1.81	[CLS] exit
				this mode and
				try again

				[SEP]
Normal	Normal (0.83)	Normal	1.55	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	Normal (0.41)	ParamViolation	1.73	[CLS] aircraft out of range [SEP]
RegulationViolation	Normal (0.61)	RegulationViolation	-1.19	[CLS] approaching a no - fly zone . [SEP]
Normal	Normal (0.52)	Normal	-0.41	[CLS] rth may be affected . [SEP]
Normal	Normal (0.93)	Normal	0.01	[CLS] fly with caution [SEP]
Normal	Normal (0.69)	Normal	0.34	[CLS] arrived at start point . [SEP]
Normal	Normal (0.76)	Normal	-0.59	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.74)	Normal	0.59	[CLS] auto landing initiated [SEP]
Normal	Normal (0.52)	Normal	-0.97	[CLS] auxiliary bottom light turned off [SEP]
SoftwareFault	Normal (0.46)	SoftwareFault	0.94	[CLS] backward obstacle sensing is not functioning . [SEP]
HardwareFault	Normal (0.82)	HardwareFault	2.24	[CLS] battery cell broken , please replace the battery [SEP]
HardwareFault	HardwareFault (0.59)	HardwareFault	1.61	[CLS] battery error . [SEP]
				[CLS] aircraft returning to

Normal	Normal (0.80)	Normal	1.66	home automatically [SEP]
HardwareFault	HardwareFault (0.44)	HardwareFault	1.75	[CLS] battery power low . [SEP]
Normal	Normal (0.84)	Normal	2.02	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.66)	HardwareFault	1.49	[CLS] cache space full [SEP]
SurroundingEnvironment	Normal (0.37)	SurroundingEnvironment	1.41	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.84)	Normal	-0.68	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	Normal (0.54)	HardwareFault	1.40	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	Normal (0.62)	SoftwareFault	1.55	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.47)	HardwareFault	1.68	[CLS] low battery [SEP]
SoftwareFault	Normal (0.60)	SoftwareFault	-0.41	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	Normal (0.67)	SoftwareFault	1.64	[CLS] cannot start self - timer . [SEP]
SoftwareFault	Normal (0.35)	SoftwareFault	1.05	[CLS] exposure time is too long [SEP]

SoftwareFault	Normal (0.54)	SoftwareFault	2.21	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.88)	Normal	2.06	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	Normal (0.36)	SoftwareFault	1.09	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.33)	SurroundingEnvironment	0.96	[CLS] no image [SEP]
Normal	Normal (0.76)	Normal	-0.39	[CLS] please retry [SEP]
SoftwareFault	Normal (0.36)	SoftwareFault	1.09	[CLS] cannot track subject [SEP]
SurroundingEnvironment	Normal (0.22)	SurroundingEnvironment	1.56	[CLS] subject too large [SEP]
Normal	Normal (0.88)	Normal	1.11	[CLS] move away and retry [SEP]
Normal	Normal (0.89)	Normal	0.52	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.94)	Normal	-0.15	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.46)	HardwareFault	1.86	[CLS] compass abnormal . [SEP]
Normal	Normal (0.72)	Normal	-0.20	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

				[SEP]
Normal	Normal (0.66)	Normal	-0.77	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.71)	Normal	1.47	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.90)	Normal	0.12	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.37)	HardwareFault	0.79	[CLS] compass error [SEP]
HardwareFault	Normal (0.53)	HardwareFault	1.06	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.82	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.82	[CLS] compass error . [SEP]
HardwareFault	Normal (0.46)	HardwareFault	1.72	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.49)	HardwareFault	1.82	[CLS] compass error . [SEP]
SurroundingEnvironment	HardwareFault (0.39)	SurroundingEnvironment	1.58	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.87)	Normal	-0.61	[CLS] exit p - gps mode [SEP]

SoftwareFault	Normal (0.38)	SoftwareFault	1.68	[CLS]
				compass
				initialization failed . [SEP]
Normal	Normal (0.75)	Normal	1.20	[CLS] restart
				aircraft [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.62	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.64)	Normal	0.76	[CLS] aircraft
				in auto power
				off protection . [SEP]
Normal	Normal (0.60)	Normal	0.07	[CLS] forced
				landing in
				progress [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.62	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.69)	Normal	0.33	[CLS] aircraft
				landing
				automatically [SEP]
HardwareFault	HardwareFault (0.52)	HardwareFault	1.62	[CLS] critical
				low battery .
				[SEP]
Normal	Normal (0.88)	Normal	0.37	[CLS] return
				to home or
				land promptly [SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.60	[CLS]
				critically low
				power . [SEP]
Normal	Normal (0.56)	Normal	-0.76	[CLS] aircraft
				is landing
				[SEP]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.60	[CLS]
				critically low
				power . [SEP]
Normal	Normal (0.64)	Normal	0.06	[CLS] aircraft
				landing .
				[SEP]
Normal	Normal (0.64)	Normal	0.06	[CLS] aircraft
				landing .
				[SEP]
				[CLS] throttle
				up to reduce

Normal	Normal (0.90)	Normal	0.07	the speed of descent and use sticks to avoid obstacles [SEP] [CLS]
HardwareFault	Normal (0.44)	HardwareFault	1.43	critically low voltage warning . [SEP] [CLS]
Normal	Normal (0.65)	Normal	1.44	aircraft will be forced to land [SEP] [CLS]
HardwareFault	HardwareFault (0.45)	HardwareFault	1.57	critically low voltage . [SEP] [CLS]
Normal	Normal (0.71)	Normal	0.28	aircraft will land [SEP] [CLS]
Normal	Normal (0.75)	Normal	0.74	data recorder file index is 15 . [SEP] [CLS]
Normal	Normal (0.74)	Normal	0.73	data recorder file index is 17 . [SEP] [CLS]
Normal	Normal (0.75)	Normal	0.95	data recorder file index is 30 . [SEP] [CLS]
Normal	Normal (0.77)	Normal	0.84	data recorder file index is 45 . [SEP] [CLS]
Normal	Normal (0.77)	Normal	1.02	data recorder file index is 46 . [SEP] [CLS]
Normal	Normal (0.75)	Normal	0.59	data recorder file index is 65 . [SEP] [CLS]
Normal	Normal (0.80)	Normal	1.08	disable sd card read and write [CLS]

				protection or change card [SEP] [CLS]
CommunicationIssue	Normal (0.70)	CommunicationIssue	-0.65	downlink lost [SEP] [CLS]
Normal	Normal (0.79)	Normal	0.03	downlink restored (after 0m 2 . 9s) . [SEP] [CLS]
Normal	Normal (0.43)	Normal	-1.16	drone is vibrating [SEP] [CLS]
Normal	Normal (0.77)	Normal	-0.49	entered cruise control mode . [SEP] [CLS]
Normal	Normal (0.89)	Normal	0.94	press c1 or c2 to exit [SEP] [CLS]
ParamViolation	HardwareFault (0.31)	ParamViolation	1.53	excessive attitude angle detected [SEP] [CLS]
SoftwareFault	Normal (0.78)	SoftwareFault	2.29	forward obstacle avoidance has stopped working [SEP] [CLS]
Normal	Normal (0.66)	Normal	-0.63	exit backward sensing system [SEP] [CLS]
SurroundingEnvironment	SurroundingEnvironment (0.39)	SurroundingEnvironment	2.34	ambient light is too weak [SEP] [CLS]
Normal	Normal (0.41)	Normal	-1.03	exited visual avoidance system . [SEP] [CLS]
SoftwareFault	Normal (0.62)	SoftwareFault	2.53	exiting gps mode : unknown error [SEP] [CLS]

ParamViolation	Normal (0.39)	ParamViolation	1.61	[CLS] extra payload detected . [SEP]
Normal	Normal (0.54)	Normal	1.18	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.93)	Normal	0.01	[CLS] fly with caution [SEP]
SoftwareFault	Normal (0.57)	SoftwareFault	1.91	[CLS] forward obstacle sensing is not functioning . [SEP]
SoftwareFault	Normal (0.62)	SoftwareFault	1.69	[CLS] forward obstacle sensing not responding [SEP]
HardwareFault	HardwareFault (0.47)	HardwareFault	2.31	[CLS] gimbal motor overloaded . [SEP]
Normal	Normal (0.74)	Normal	-0.12	[CLS] check whether gimbal can rotate freely [SEP]
HardwareFault	Normal (0.53)	HardwareFault	0.33	[CLS] gimbal pitch limit reached . [SEP]
Normal	Normal (0.48)	Normal	-0.71	[CLS] ground plain . [SEP]
Normal	Normal (0.74)	Normal	-0.72	[CLS] safe to land . [SEP]
ParamViolation	Normal (0.38)	ParamViolation	1.14	[CLS] high altitude . [SEP]
Normal	Normal (0.69)	Normal	1.81	[CLS] aircraft braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.93)	Normal	0.01	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.33)	SurroundingEnvironment	1.95	[CLS] high wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.35	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.33)	SurroundingEnvironment	1.95	[CLS] high wind velocity . [SEP]
Normal	Normal (0.96)	Normal	1.35	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.33)	SurroundingEnvironment	1.95	[CLS] high wind velocity . [SEP]
Normal	Normal (0.98)	Normal	1.05	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	Normal (0.54)	Normal	-0.86	[CLS] high - altitude flight [SEP]
Normal	Normal (0.93)	Normal	0.01	[CLS] fly with caution [SEP]
Normal	Normal (0.73)	Normal	-0.52	[CLS] aircraft braking distance is extended [SEP]
Normal	Normal (0.68)	Normal	1.46	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.83)	Normal	-0.30	[CLS] home

ParamViolation	Normal (0.47)	ParamViolation	0.02	point updated . [SEP]
				[CLS] imu attitude restricted . [SEP]
				[CLS] ensure
Normal	Normal (0.83)	Normal	1.31	aircraft is level [SEP]
SoftwareFault	Normal (0.64)	SoftwareFault	1.46	[CLS] imu not calibrated . [SEP]
				[CLS]
Normal	Normal (0.66)	Normal	-0.17	calibrate imu [SEP]
Normal	Normal (0.53)	Normal	-0.03	[CLS] landing canceled . [SEP]
				[CLS] landing gear function restored [SEP]
Normal	Normal (0.80)	Normal	1.39	[CLS] landing gear paused . [SEP]
Normal	Normal (0.68)	Normal	-0.50	[CLS] landing gear raising . [SEP]
				[CLS] home point recorded [SEP]
Normal	Normal (0.69)	Normal	-0.98	[CLS] live stream video frame rate less than 9hz . [SEP]
				[CLS] fly with caution [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.19	[CLS] low power . [SEP]
Normal	Normal (0.88)	Normal	-0.22	[CLS] aircraft is returning to the home point . [SEP]
				[CLS] low power . [SEP]
HardwareFault	HardwareFault (0.34)	HardwareFault	1.19	

Normal	Normal (0.68)	Normal	-0.37	[CLS] returning home . [SEP]
SurroundingEnvironment	HardwareFault (0.39)	SurroundingEnvironment	1.58	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.87)	Normal	1.02	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.36)	HardwareFault	1.64	[CLS] yaw error . [SEP]
SurroundingEnvironment	Normal (0.48)	SurroundingEnvironment	1.59	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.93)	Normal	0.01	[CLS] fly with caution [SEP]
ParamViolation	Normal (0.56)	ParamViolation	-0.34	[CLS] max altitude approached . [SEP]
Normal	Normal (0.91)	Normal	-0.63	[CLS] wait for the gps satellite signal recovery before ascend [SEP]
ParamViolation	Normal (0.60)	ParamViolation	-0.41	[CLS] max flight altitude reached . [SEP]
Normal	Normal (0.88)	Normal	2.01	[CLS] adjust in main controller settings if necessary [SEP]
ParamViolation	Normal (0.56)	ParamViolation	1.39	[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.92)	Normal	0.17	in main controller settings if necessary . [SEP] [CLS] maximum
ParamViolation	Normal (0.48)	ParamViolation	2.10	flight distance reached . [SEP] [CLS] adjust the distance
Normal	Normal (0.94)	Normal	1.32	in mc settings if required . [SEP] [CLS] mobile device cpu
HardwareFault	Normal (0.73)	HardwareFault	2.29	fully loaded . [SEP] [CLS] related performance
Normal	Normal (0.56)	Normal	-0.11	will be affected . [SEP] [CLS] mobile device version too old to support hd image transmission
SoftwareFault	Normal (0.77)	SoftwareFault	-0.65	and the image transmission mode has been switch to normal mode . [SEP] [CLS] motor
Normal	HardwareFault (0.32)	Normal	-1.09	is blocked . [SEP] [CLS] motor stuck . [SEP] [CLS] check for objects blocking motor or
HardwareFault	HardwareFault (0.42)	HardwareFault	1.91	contact dji support for
Normal	Normal (0.82)	Normal	-0.57	

				assistance
				[SEP]
Normal	Normal (0.61)	Normal	-0.03	[CLS] motors
				started . [SEP]
SoftwareFault	Normal (0.43)	SoftwareFault	-0.34	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.41)	Normal	0.89	[CLS] aircraft
				unable to hover . [SEP]
Normal	Normal (0.93)	Normal	0.01	[CLS] fly with
				caution [SEP]
SoftwareFault	Normal (0.43)	SoftwareFault	-0.34	[CLS] no gps
				signal . [SEP]
Normal	Normal (0.41)	Normal	0.88	[CLS] unable
				to hover . [SEP]
Normal	Normal (0.93)	Normal	0.01	[CLS] fly with
				caution [SEP]
Normal	Normal (0.65)	Normal	-0.54	[CLS]
				obstacle
Normal	Normal (0.75)	Normal	-0.08	avoidance
				disabled . [SEP]
Normal	Normal (0.65)	Normal	-0.54	[CLS] landing
				gear lowered
Normal	Normal (0.65)	Normal	-0.54	. [SEP]
				[CLS]
Normal	Normal (0.65)	Normal	-0.54	obstacle
				avoidance
Normal	Normal (0.65)	Normal	-0.54	disabled . [SEP]
				[CLS]
Normal	Normal (0.75)	Normal	-0.08	obstacle
				avoidance
Normal	Normal (0.84)	Normal	1.99	disabled . [SEP]
				[CLS] landing
Normal	Normal (0.79)	Normal	1.37	gear lowered
				. [SEP]
Normal	Normal (0.84)	Normal	1.99	[CLS]
				obstacle
Normal	Normal (0.79)	Normal	1.37	avoidance has
				been disabled
Normal	Normal (0.79)	Normal	1.37	. [SEP]
				[CLS]
Normal	Normal (0.79)	Normal	1.37	precision

				landing [SEP]
				[CLS]
Normal	Normal (0.78)	Normal	-0.49	quickshot has ended [SEP]
				[CLS]
Normal	Normal (0.51)	Normal	1.14	recenter gimbal pan [SEP]
				[CLS]
Normal	Normal (0.70)	Normal	0.22	rectifying aircraft position [SEP]
				[CLS]
SurroundingEnvironment	Normal (0.43)	SurroundingEnvironment	1.16	remote controller in high interference environment . [SEP]
				[CLS]
Normal	Normal (0.92)	Normal	0.61	manually adjust flight route or return to home [SEP]
				[CLS]
Normal	Normal (0.74)	Normal	1.42	return - to - home altitude : 65ft [SEP]
				[CLS]
Normal	Normal (0.75)	Normal	1.27	return - to - home altitude : 98ft . [SEP]
				[CLS]
Normal	Normal (0.81)	Normal	-0.58	rth : ascending to rth altitude . [SEP]
				[CLS]
Normal	Normal (0.72)	Normal	0.16	rth : heading alignment . [SEP]
				[CLS]
Normal	Normal (0.61)	Normal	-0.39	rth altitude : 65ft . [SEP]
				[CLS]
Normal	Normal (0.68)	Normal	0.09	rth altitude : 98ft . [SEP]
				[CLS]
CommunicationIssue	Normal (0.39)	CommunicationIssue	-1.45	signal

Normal	Normal (0.76)	Normal	1.91	lost . [SEP]
				[CLS] aircraft
				returning to home point [SEP]
Normal	Normal (0.72)	Normal	-0.62	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	Normal (0.50)	SurroundingEnvironment	-0.31	[CLS] strong wind warning . [SEP]
SoftwareFault	Normal (0.78)	SoftwareFault	1.10	[CLS] aircraft 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 (0.92)	Normal	0.48	[CLS] switched to t (tripod) - mode . [SEP]
Normal	Normal (0.83)	Normal	-0.09	[CLS] take off in p - mode [SEP]
Normal	Normal (0.75)	Normal	2.34	[CLS] vision sensor error . [SEP]
SoftwareFault	HardwareFault (0.49)	SoftwareFault	2.02	[CLS] contact dji support for assistance [SEP]
				[CLS] vision systems and obstacle avoidance disabled [SEP]
Normal	Normal (0.87)	Normal	0.57	
Normal	Normal (0.68)	Normal	-0.13	

Normal	Normal (0.71)	Normal	-0.49	[CLS] waypoint mission paused [SEP]
SoftwareFault	HardwareFault (0.35)	SoftwareFault	-0.48	[CLS] weak gps signal . [SEP]
Normal	Normal (0.63)	Normal	1.42	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.96)	Normal	-0.05	[CLS] fly with caution . [SEP]
CommunicationIssue	HardwareFault (0.33)	CommunicationIssue	-1.46	[CLS] weak signal . [SEP]
Normal	Normal (0.71)	Normal	-0.17	[CLS] adjust antennas [SEP]
RegulationViolation	Normal (0.79)	RegulationViolation	-0.07	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP]
Normal	Normal (0.95)	Normal	-0.01	[CLS] please fly with caution [SEP]