

Legend: ■ Negative □ Neutral ■ Positive

True Label	Predicted Label	Attribution Label	Attribution Score	Word Importance
SurroundingEnvironment	Normal (0.91)	Normal	1.42	[CLS] a passenger aircraft is nearby . [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP] [CLS] account
Normal	Normal (0.74)	Normal	-1.16	not logged in . [SEP] [CLS] flight altitude and distance restricted to nnn and nnn . [SEP]
ParamViolation	ParamViolation (0.84)	ParamViolation	2.29	[CLS] check
Normal	Normal (0.92)	Normal	1.17	and log in [SEP] [CLS]
Normal	Normal (0.92)	Normal	0.62	activetrack flight paused [SEP]
Normal	Normal (0.92)	Normal	0.38	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.92)	Normal	0.16	[CLS] obstacle avoidance is not available [SEP]
Normal	Normal (0.92)	Normal	0.38	[CLS] aircraft activetrack available at max speed . [SEP]
Normal	Normal (0.92)	Normal	0.05	[CLS] when exceeding nnn , obstacle avoidance is not available [SEP] [CLS] aircraft

Normal	Normal (0.92)	Normal	0.03	activetrack max speed of nnn and obstacle avoidance functions normally [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	2.49	[CLS] aircraft core board overheated [SEP]
Normal	Normal (0.92)	Normal	0.45	[CLS] aircraft entered fixed - wing mode . [SEP]
Normal	Normal (0.91)	Normal	-1.86	[CLS] current flight speed is nnn . [SEP]
Normal	Normal (0.92)	Normal	0.84	[CLS] press c2 to exit [SEP]
Normal	Normal (0.91)	Normal	0.60	[CLS] aircraft flight control unlocked [SEP]
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	1.84	[CLS] aircraft in restricted zones . [SEP]
Normal	Normal (0.92)	Normal	0.31	[CLS] check map to find recommended zones [SEP]
Normal	Normal (0.92)	Normal	0.14	[CLS] aircraft is in attitude mode , so that it will not hover . [SEP]
Normal	Normal (0.92)	Normal	0.83	[CLS] please fly with caution . [SEP]
Normal	Normal (0.92)	Normal	0.18	[CLS] aircraft is in tripod mode . [SEP]
Normal	Normal (0.92)	Normal	1.02	[CLS] exit this mode and try again

				[SEP]
Normal	Normal (0.92)	Normal	0.56	[CLS] aircraft is returning to the starting point [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	1.97	[CLS] aircraft out of range [SEP] [CLS]
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	2.16	approaching a no - fly zone . [SEP] [CLS] rth may
Normal	Normal (0.92)	Normal	0.15	be affected . [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP]
Normal	Normal (0.92)	Normal	0.63	[CLS] arrived at start point . [SEP]
Normal	Normal (0.92)	Normal	1.04	[CLS] starting waypoint mission [SEP]
Normal	Normal (0.91)	Normal	1.40	[CLS] auto landing initiated [SEP] [CLS]
Normal	Normal (0.92)	Normal	0.37	auxiliary bottom light turned off [SEP] [CLS] backward obstacle
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.80	sensing is not functioning . [SEP] [CLS] battery cell broken ,
HardwareFault	HardwareFault (0.89)	HardwareFault	1.75	please replace the battery [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.19	[CLS] battery error . [SEP] [CLS] aircraft returning to

Normal	Normal (0.92)	Normal	0.88	home automatically [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.82	[CLS] battery power low . [SEP]
Normal	Normal (0.92)	Normal	0.36	[CLS] check battery status and charge or warm up battery [SEP]
HardwareFault	Normal (0.71)	Normal	1.47	[CLS] cache space full [SEP]
SurroundingEnvironment	SoftwareFault (0.90)	SoftwareFault	1.22	[CLS] calibration subject is too close . [SEP]
Normal	Normal (0.92)	Normal	0.12	[CLS] recalibrate using a subject that is farther away [SEP]
HardwareFault	HardwareFault (0.87)	HardwareFault	1.82	[CLS] camera busy , cannot enter playback [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.05	[CLS] cannot enable intelligent flight mode [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.64	[CLS] low battery [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.52	[CLS] cannot start return to home due to weak gps signal [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.26	[CLS] cannot start self - timer . [SEP]
SoftwareFault	ParamViolation (0.76)	ParamViolation	0.07	[CLS] exposure time is too long [SEP]

SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.09	[CLS] cannot switch flight mode . [SEP]
Normal	Normal (0.92)	Normal	0.87	[CLS] turn on " multiple flight modes " to enable atti and sport modes . [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.15	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.88)	SoftwareFault	1.29	[CLS] no image [SEP]
Normal	Normal (0.91)	Normal	0.94	[CLS] please retry [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.15	[CLS] cannot track subject [SEP]
SurroundingEnvironment	SoftwareFault (0.89)	SoftwareFault	1.40	[CLS] subject too large [SEP]
Normal	Normal (0.92)	Normal	0.77	[CLS] move away and retry [SEP]
Normal	Normal (0.92)	Normal	0.52	[CLS] color display in the liveview has been enhanced . [SEP]
Normal	Normal (0.92)	Normal	0.72	[CLS] videos and photos will still be shot in d - log mode [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.53	[CLS] compass abnormal . [SEP]
Normal	Normal (0.92)	Normal	0.01	[CLS] solution : 1 . ensure there are no magnets or metal objects near the aircraft .

[SEP]

Normal	Normal (0.91)	Normal	-0.16	[CLS] the ground or walls may contain metal . [SEP]
Normal	Normal (0.92)	Normal	0.30	[CLS] move away from sources of interference before attempting flight . [SEP]
Normal	Normal (0.92)	Normal	0.29	[CLS] 2 . calibrate compass before takeoff [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.25	[CLS] compass error [SEP]
HardwareFault	HardwareFault (0.79)	HardwareFault	1.20	[CLS] compass error , calibration required [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.35	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.35	[CLS] compass error . [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.55	[CLS] compass disconnected [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.35	[CLS] compass error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.47	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.92)	Normal	1.00	[CLS] exit p - gps mode [SEP]

SoftwareFault	HardwareFault (0.87)	HardwareFault	0.15	[CLS] compass initialization failed. [SEP]
Normal	Normal (0.91)	Normal	0.84	[CLS] restart aircraft [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.79	[CLS] critical low battery. [SEP]
Normal	Normal (0.92)	Normal	0.70	[CLS] aircraft in auto power off protection . [SEP]
Normal	Normal (0.91)	Normal	1.20	[CLS] forced landing in progress [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.79	[CLS] critical low battery. [SEP]
Normal	Normal (0.91)	Normal	0.82	[CLS] aircraft landing automatically [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.79	[CLS] critical low battery. [SEP]
Normal	Normal (0.92)	Normal	0.54	[CLS] return to home or land promptly [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	2.01	[CLS] critically low power. [SEP]
Normal	Normal (0.91)	Normal	0.67	[CLS] aircraft is landing [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	2.01	[CLS] critically low power. [SEP]
Normal	Normal (0.91)	Normal	0.49	[CLS] aircraft landing. [SEP]
Normal	Normal (0.91)	Normal	0.49	[CLS] aircraft landing. [SEP]

Normal	Normal (0.92)	Normal	0.32	the speed of descent and use sticks to avoid obstacles [SEP] [CLS] critically low voltage warning . [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.91	[CLS] aircraft will be forced to land [SEP] [CLS] critically low voltage . [SEP]
Normal	Normal (0.91)	Normal	-0.13	will land [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.98	[CLS] data recorder file index is 15 . [SEP]
Normal	Normal (0.91)	Normal	0.68	[CLS] data recorder file index is 17 . [SEP]
Normal	Normal (0.92)	Normal	0.38	[CLS] data recorder file index is 30 . [SEP]
Normal	Normal (0.92)	Normal	0.46	[CLS] data recorder file index is 45 . [SEP]
Normal	Normal (0.92)	Normal	0.40	[CLS] data recorder file index is 46 . [SEP]
Normal	Normal (0.92)	Normal	0.36	[CLS] data recorder file index is 65 . [SEP]
Normal	Normal (0.92)	Normal	0.43	[CLS] disable sd card read and write
Normal	Normal (0.92)	Normal	0.61	

				protection or change card [SEP]
CommunicationIssue	CommunicationIssue (0.81)	CommunicationIssue	1.64	[CLS] downlink lost . [SEP]
Normal	Normal (0.92)	Normal	0.30	[CLS] downlink restored ([SEP] after 0m 2 9s) . [SEP]
Normal	HardwareFault (0.55)	HardwareFault	-1.56	[CLS] drone is vibrating [SEP]
Normal	Normal (0.92)	Normal	0.99	[CLS] entered cruise control mode . [SEP]
Normal	Normal (0.92)	Normal	0.32	[CLS] press c1 or c2 to exit [SEP]
ParamViolation	ParamViolation (0.78)	ParamViolation	1.96	[CLS] excessive attitude angle detected [SEP]
SoftwareFault	SoftwareFault (0.87)	SoftwareFault	1.67	[CLS] forward obstacle avoidance has stopped working [SEP]
Normal	Normal (0.92)	Normal	0.86	[CLS] exit backward sensing system [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.99	[CLS] ambient light is too weak [SEP]
Normal	Normal (0.92)	Normal	0.71	[CLS] exited visual [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.20	[CLS] exiting gps mode : unknown error [SEP]

ParamViolation	ParamViolation (0.85)	ParamViolation	1.87	[CLS] extra payload detected . [SEP]
Normal	Normal (0.92)	Normal	0.22	[CLS] flight performance will be affected . [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP] [CLS] forward obstacle
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.73	sensing is not functioning . [SEP] [CLS] forward obstacle
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.80	sensing not responding [SEP] [CLS] gimbal
HardwareFault	HardwareFault (0.89)	HardwareFault	2.06	motor overloaded . [SEP] [CLS] check whether
Normal	Normal (0.92)	Normal	0.41	gimbal can rotate freely [SEP] [CLS] gimbal
HardwareFault	HardwareFault (0.89)	HardwareFault	2.00	pitch limit reached . [SEP] [CLS] ground
Normal	Normal (0.91)	Normal	0.13	plain . [SEP] [CLS] safe to
Normal	Normal (0.92)	Normal	0.61	land . [SEP] [CLS] high
ParamViolation	ParamViolation (0.81)	ParamViolation	1.54	altitude . [SEP] [CLS] aircraft
Normal	ParamViolation (0.42)	ParamViolation	-2.24	braking distance increased and flight time decreased . [SEP]

Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.67	[CLS] high wind velocity . [SEP]
Normal	Normal (0.92)	Normal	0.28	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.67	[CLS] high wind velocity . [SEP]
Normal	Normal (0.92)	Normal	0.28	[CLS] ensure the aircraft remains within your line of sight and fly with caution . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.67	[CLS] high wind velocity . [SEP]
Normal	Normal (0.92)	Normal	0.28	[CLS] fly with caution and land in a safe place asap . [SEP]
Normal	ParamViolation (0.77)	ParamViolation	-1.71	[CLS] high - altitude flight [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP]
Normal	Normal (0.45)	Normal	-0.82	[CLS] aircraft braking distance is extended [SEP]
Normal	ParamViolation (0.66)	ParamViolation	-1.80	[CLS] flight time is shortened . [SEP]
Normal	Normal (0.92)	Normal	0.67	[CLS] home

				point updated
				. [SEP]
				[CLS] imu
				attitude
				restricted.
				[SEP]
				[CLS] ensure
ParamViolation	ParamViolation (0.69)	ParamViolation	1.80	aircraft is
Normal	Normal (0.92)	Normal	0.63	level [SEP]
SoftwareFault	Normal (0.92)	Normal	-0.55	[CLS] imu not
Normal	Normal (0.92)	Normal	0.66	calibrated.
Normal	Normal (0.91)	Normal	-0.77	[SEP]
Normal	Normal (0.92)	Normal	1.06	[CLS]
Normal	Normal (0.91)	Normal	0.37	calibrate imu
Normal	Normal (0.92)	Normal	0.85	[SEP]
Normal	Normal (0.91)	Normal	1.14	[CLS] landing
Normal	Normal (0.58)	Normal	-1.69	canceled .
Normal	Normal (0.91)	Normal	1.23	[SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.76	[CLS] landing
Normal	Normal (0.92)	Normal	0.46	gear function
HardwareFault	HardwareFault (0.90)	HardwareFault	1.76	restored
				[SEP]
				[CLS] landing
				gear paused .
				[SEP]
				[CLS] landing
				gear raising .
				[SEP]
				[CLS] home
				point
				recorded
				[SEP]
				[CLS] live
				stream video
				[SEP]
				[CLS] fly with
				caution [SEP]
				[CLS] low
				power . [SEP]
				[CLS] aircraft
				is returning
				to the home
				point . [SEP]
				[CLS] low
				power . [SEP]

Normal	Normal (0.91)	Normal	0.85	[CLS] returning home . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.47	[CLS] magnetic filed interference . [SEP]
Normal	Normal (0.92)	Normal	0.59	[CLS] exit p - gps mode . [SEP]
HardwareFault	HardwareFault (0.90)	HardwareFault	1.98	[CLS] yaw error . [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.38)	SurroundingEnvironment	0.65	[CLS] manned aircraft detected nearby . [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP]
ParamViolation	ParamViolation (0.53)	ParamViolation	0.91	[CLS] max altitude approached . [SEP]
Normal	Normal (0.92)	Normal	0.11	[CLS] wait for the gps satellite
ParamViolation	ParamViolation (0.85)	ParamViolation	1.93	signal recovery before ascend [SEP]
Normal	Normal (0.92)	Normal	0.56	[CLS] max flight altitude reached . [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	1.93	[CLS] adjust in main controller settings if necessary [SEP]
				[CLS] max flight distance reached . [SEP]
				[CLS] adjust

Normal	Normal (0.92)	Normal	0.45	in main controller settings if necessary . [SEP]
ParamViolation	ParamViolation (0.85)	ParamViolation	2.07	[CLS] maximum flight distance reached . [SEP]
Normal	Normal (0.92)	Normal	0.43	[CLS] adjust the distance [SEP]
HardwareFault	HardwareFault (0.84)	HardwareFault	2.16	in mc settings if required . [SEP]
Normal	Normal (0.92)	Normal	0.43	[CLS] mobile device cpu fully loaded . [SEP]
SoftwareFault	Normal (0.88)	Normal	0.13	[CLS] related performance [SEP]
Normal	Normal (0.92)	Normal	0.38	will be affected . [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.61	[CLS] mobile device version too old to support hd image transmission [SEP]
Normal	Normal (0.92)	Normal	0.30	and the image transmission mode has been switch to normal mode . [SEP]
Normal	Normal (0.92)	Normal	0.38	[CLS] motor is blocked . [SEP]
HardwareFault	HardwareFault (0.89)	HardwareFault	1.61	[CLS] motor stuck . [SEP]
Normal	Normal (0.92)	Normal	0.30	[CLS] check for objects blocking motor or contact dji support for

				assistance
				[SEP]
Normal	HardwareFault (0.84)	HardwareFault	-1.89	[CLS] motors started . [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.48	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.88)	HardwareFault	-1.05	[CLS] aircraft unable to hover . [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.48	[CLS] no gps signal . [SEP]
Normal	HardwareFault (0.88)	HardwareFault	-1.33	[CLS] unable to hover . [SEP]
Normal	Normal (0.91)	Normal	1.23	[CLS] fly with caution [SEP]
Normal	Normal (0.92)	Normal	0.53	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.92)	Normal	0.60	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.92)	Normal	0.53	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.92)	Normal	0.53	[CLS] obstacle avoidance disabled . [SEP]
Normal	Normal (0.92)	Normal	0.60	[CLS] landing gear lowered . [SEP]
Normal	Normal (0.92)	Normal	0.27	[CLS] obstacle avoidance has been disabled . [SEP]
Normal	Normal (0.91)	Normal	1.52	[CLS] precision

Normal	Normal (0.91)	Normal	0.75	landing [SEP] [CLS] quickshot has ended [SEP]
Normal	Normal (0.92)	Normal	0.34	[CLS] recenter gimbal pan [SEP]
Normal	Normal (0.92)	Normal	0.56	[CLS] rectifying aircraft position [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.85	[CLS] remote controller in high interference environment . [SEP]
Normal	Normal (0.92)	Normal	0.67	[CLS] manually adjust flight route or return to home [SEP]
Normal	Normal (0.92)	Normal	0.39	[CLS] return - to - home altitude : 65ft [SEP]
Normal	Normal (0.92)	Normal	0.25	[CLS] return - to - home altitude : 98ft . [SEP]
Normal	Normal (0.92)	Normal	0.34	[CLS] rth : ascending to rth altitude . [SEP]
Normal	Normal (0.92)	Normal	0.60	[CLS] rth : heading alignment . [SEP]
Normal	Normal (0.92)	Normal	0.17	[CLS] rth altitude : 65ft . [SEP]
Normal	Normal (0.92)	Normal	0.15	[CLS] rth altitude : 98ft . [SEP]
CommunicationIssue	CommunicationIssue (0.80)	CommunicationIssue	1.49	[CLS] signal

Normal	Normal (0.92)	Normal	1.34	lost . [SEP] [CLS] aircraft returning to home point [SEP]
Normal	Normal (0.92)	Normal	1.25	[CLS] sprayer turned on [SEP]
SurroundingEnvironment	SurroundingEnvironment (0.87)	SurroundingEnvironment	1.56	[CLS] strong wind warning . [SEP]
SoftwareFault	SoftwareFault (0.90)	SoftwareFault	1.33	[CLS] aircraft unable to return to home automatically . [SEP]
Normal	Normal (0.92)	Normal	0.48	[CLS] lower altitude immediately and return to home manually [SEP]
Normal	Normal (0.92)	Normal	0.41	[CLS] switched to s (sport) - mode . [SEP]
Normal	Normal (0.92)	Normal	0.32	[CLS] switched to t (tripod) - mode . [SEP]
Normal	Normal (0.92)	Normal	0.67	[CLS] take off in p - mode [SEP]
SoftwareFault	HardwareFault (0.79)	HardwareFault	0.31	[CLS] vision sensor error. [SEP]
Normal	Normal (0.92)	Normal	0.69	[CLS] contact dji support for assistance [SEP]
Normal	Normal (0.92)	Normal	0.45	[CLS] vision systems and obstacle avoidance disabled [SEP]

Normal	Normal (0.91)	Normal	0.87	[CLS] waypoint mission paused [SEP]
SoftwareFault	SoftwareFault (0.89)	SoftwareFault	1.44	[CLS] weak gps signal . [SEP]
Normal	Normal (0.92)	Normal	0.39	[CLS] aircraft is in attitude mode and hovering may be unstable . [SEP]
Normal	Normal (0.92)	Normal	0.63	[CLS] fly with caution . [SEP]
CommunicationIssue	CommunicationIssue (0.82)	CommunicationIssue	1.46	[CLS] weak signal . [SEP]
Normal	Normal (0.91)	Normal	1.08	[CLS] adjust antennas [SEP]
RegulationViolation	RegulationViolation (0.74)	RegulationViolation	2.49	[CLS] your aircraft is flying in an altitude zone (nnn) . [SEP] [CLS] please
Normal	Normal (0.92)	Normal	1.10	fly with caution [SEP]