

ECCAIRS 4.2.8

Data Definition Standard

Modifiers

The ECCAIRS 4 modifiers are based on
ICAO's ADREP 2000 taxonomy.

ECCAIRS 4	Modifiers	Data Definition Standard
20	Abnormal	Deviating from the ordinary rule or type; contrary to rule or system; irregular, unusual, aberrant.
21	Failure-bolt, nut or fastener	a bolt, nut or fastener in the affected system/component has failed
22	Material inadequate	The material used is inadequate for its purpose
23	wrong data entered	wrong data entered: wrong data were entered into a computer / system. If the data were correct, but not entered correctly use 'data entered incorrectly' instead.
24	Data entered incorrectly	Data entered incorrectly - correct data were at hand but were entered incorrectly. If the data themselves were incorrect, use 'wrong data entered' instead.
25	wrong aircraft	wrong aircraft: e.g. aircraft identification - wrong aircraft: the wrong aircraft was identified. Also, ATC clearance - wrong aircraft: the clearance was provided to the wrong aircraft.
26	wrong language	wrong language: The communication was conducted in the wrong language, e.g. in the national language of the State of Occurrence when English should have been used.
27	Aft/back/rear	Located at the aft/rear/back of the item being described.
28	Amended/modified	
29	ATC initiated	The action was initiated by the air traffic controller.
30	Cancelled	To bring to a premature or fruitless termination. Aborted, revoked, suspended.
31	Bounced	Aircraft experienced bounces.
32	Centre/middle	In the middle or in the centre direction.
33	Destroyed	To describe the state of destruction of an element.
34	Disturbing	That disturbs judgement.
35	Dry	Dry surface or element.
36	Duplicate/duplication	
37	Failed on impact	
38	False capture	False capture of a navaid signal.
39	Forward/front	
40	Abort/reject - After V1	To stop the aircraft's take-off after reaching decision speed. JAR: 'V1' means the maximum speed in the take-off at which the pilot must take the first action (e.g. apply brakes, reduce thrust, deploy speed brakes) to stop the aeroplane within the accelerate-stop distance. V1 also means the minimum speed in the take-off, following a failure of the critical engine at VEF, at which the pilot can continue the take-off and achieve the required height above the take-off surface within the take-off distance.
41	Improvised	Improvised action or decision.
42	Incorrect packaging	
43	Incorrect weight/weighting	The weight is incorrect or the action of weighing was incorrectly carried out.
44	Late capture	Late capture of a navaid signal.
45	Left	Towards the left or positioned on the left.
46	Loss of stiffness	
47	Lower	

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48	Manufacturing/production issue	
49	Mortal/human remains	
50	Not captured	
	The navaid signal is not captured.	
51	Not declared	
52	Not labeled	
53	On test	
54	Pilot initiated	
	The action was initiated by the pilot.	
55	Right	
	Towards the right or positioned on the right.	
56	Rough water	
57	Rushed/rushing	
58	Upper	
59	Wrong connection	
60	Abort/reject - Before V1	
	To stop the aircraft's take-off before reaching decision speed.	
	JAR: 'V1' means the maximum speed in the take-off at which the pilot must take the first action (e.g. apply brakes, reduce thrust, deploy speed brakes) to stop the aeroplane within the accelerate-stop distance. V1 also means the minimum speed in the take-off, following a failure of the critical engine at VEF, at which the pilot can continue the take-off and achieve the required height above the take-off surface within the take-off distance.	
61	Wrongly declared	
62	Wrongly labeled	
80	Above	
	Overhead; in a place vertically up.	
90	Abrupt	
	Characterized by sudden interruption or change; unannounced and unexpected; sudden, hasty.	
100	Accidental	
	Happening by chance or unexpectedly; produced by accident; fortuitous.	
120	Acid leaked	
	A leak of an acid substance was involved.	
130	Activated	
	To make active, move to activity.	
140	Adverse	
	Acting against or in opposition to, opposing, contrary, antagonistic, actively hostile.	
150	Adverse weather	
	Meteorological conditions which act against or in opposition to an aircraft's operation.	
160	Adversely affected	
	An environment which acts against or in opposition to an aircraft's operation.	
170	Air in	
	Related to the air contained in a space.	
180	Animal in	
	Any animal from an insect to cattle which is confined in the aircraft either as cargo or unintentionally. e.g. bee, bird, snake, monkey or a horse.	
200	Animal on	
	Any animal from an insect to cattle which is not confined in the aircraft either as cargo or unintentionally.	
220	Aquaplaning	
	Also known as hydroplaning refers to the loss of traction on a tyre due to the ingress of water between the tyre and the bearing surface.	
240	Arced/arcng	
	The luminous bridge formed between two conductors when they are separated by a small air space, and a powerful current of electricity is sent through them. Arcing. Visible effects (burn spots, fused metal) of an electrical discharge between two electrical connections. Also: flash over	
260	Armed	
	Prepared for operation. Normally related to weapons or pyrotechnics.	

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280	Asymmetric	Loss of balanced arrangement of parts with each other and the whole. Commonly referred to loss of engine power on one or more engines of a multi-engined aircraft but also to unbalanced operation or condition of control surfaces normally acting in unison.
300	Attempted	Tried or endeavoured.
320	Bad	Lacking good or favourable qualities.
330	Battered	Battered. Damaged by repeated blows or impacts.
340	Below	Lower, in amount, weight, strength, value, degree of any quality, than.
350	Below minima	Less than the required value.
360	Bent	Constrained into a curve, curved, crooked, deflected from the straight line. Deviated from original line or plane usually caused by lateral force.
380	Between tanks	In the space or spaces between the fuel tanks.
400	Binding	Binding. Restricting movement, such as tightened or sticking condition, may result from high or low temperature or a foreign object jammed in mechanism.
420	Bird damage	Damage caused by a collision between an aircraft and one or more birds.
440	Bird ingestion	The entry of one or more birds into an aircraft engine.
460	Bird strike	A collision between an aircraft and one or more birds.
480	Blocked	Closed by an obstruction.
500	Blocked by ice	Closed by an ice formation.
520	Bogus/unapproved part	An aircraft component which is not approved for incorporation in an aircraft by the aircraft manufacturer or the regulating authority.
540	Bolt/nut missing	The absence of a nut or bolt from a location in which such an item is required.
550	Bowed	Bowed. Curved or gradually deviated from original line or plane often caused by lateral force or heat.
555	Brinelling	Brinelling. Circular surface indenting of bearing races, usually caused by repeated shock loading of the bearing. False brinelling is wear caused by bearing rollers sliding back and forth across a stationary race, while true brinelling is plastic displacement of material.
560	Brittle fracture	A fracture which occurs with little plastic deformation of the adjoining surfaces.
580	Broke	Separated by force into two or more pieces.
600	Buckled	bent into a convex and concave form.
620	Built-up area	Constructed of parts that are separately prepared and afterwards joined or welded together, or designating a locality where buildings abound.
625	Bulged	Bulged. Swollen outward locally. Usually caused by excessive local heating or differential pressure. Also: ballooned, swelling.
630	Bumped	Struck or knocked with force.

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640	Burned	Affected or damaged by fire or excessive heat, scorched. Oxidized destructively. Usually caused by higher temperature than the parent material can withstand.
660	Burst	Rent by force when in a state of tension; exploded, torn open.
680	Carbon deposits	Carbon attached to a surface.
700	Careless	Not taking due care, not paying due attention to what one does, inattentive, negligent, thoughtless; inaccurate.
720	Carried out	Action completed.
740	Caught	Intercepted and held.
760	Cavitated	Formed cavities or spaces in a fluid by the rapid rotation of a propeller.
780	Chafed	Frictional wear or damage caused by rubbing between two parts.
800	Channelized	Neurology, the formation of a channel of nervous conduction or discharge.
820	Chipped	A breaking away of the edge corner or surface of the parent material usually caused by impact not flaking.
840	Close	To stop access for a time or near to each other.
860	Closed	No access allowed at present.
880	Closed aerodrome	An aerodrome which is not available for take-off and landing at the time.
900	Closed runway	A runway which is not available for take-off and landing at the time.
920	Collapsed	Fallen together, as the sides of any cavity, through external pressure, or loss of rigidity or support.
940	Committed	Assigned to a particular course of action.
960	Complete loss of	Nothing remained.
980	Conflicting	That which is clashing, contradictory, or at variance.
1000	Confusing	Mixing up in the mind, failing to distinguish, erroneously regarding as identical, mistaking one for another.
1020	Congested/confined	Filled up by an obstructive accumulation; overcrowded/ limited, restricted, restrained, shut up, enclosed.
1030	Compressed	Pressed into a smaller volume and denser composition than the ordinary.
1040	Contacted	Communicated with.
1060	Contaminated	Defiled, sullied, or infected by contact, esp. with noxious substances.
1080	Continued	Carried on or kept up without cessation; constant.
1100	Corroded	Gradual destruction of the parent metal by chemical action. Often evidenced by oxide build-up on the surface of the parent metal.
1105	corrupted	corrupted: damaged (software, data), dirty
1120	Cracked	Partial separation of material which may progress to a complete break.

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1140	Crazed	Having the surface covered with minute cracks.
1160	Crossed	To lie or pass across.
1180	Cultivated area	Land which labour and attention have improved in order to raise crops.
1185	Curled	Curl. A condition where the tip(s) of compressor or turbine blades have been curled over due to rubbing against engine casings.
1190	Cut	To penetrate with an edged instrument which severs the continuity of the substance. Also to stop an engine as fast as is practicable.
1200	Damaged	A thing, which has suffered Injury or harm which impairs its value or usefulness.
1220	Dangerous/hazardous	Fraught with danger or risk; or the potential to cause or occasion danger; perilous, hazardous, risky, unsafe. Hazardous or potentially hazardous, which contains hazards or potential hazards.
1240	Decompression	A reduction of the air-pressure as a result of a rupture of the cabin during high-altitude flight.
1250	Debonded/disbonded	
1260	Decreased	Lessened, diminished, fallen off, shrunk, abated.
1280	Deflated	Emptied of the inflating gas; to "go down".
1300	Degraded	To lower or reduce in character, strength or purity.
1320	Delaminated	Split into separate layers.
1340	Delayed	To put off to a later time; to defer, postpone.
1350	Dented	Dented. Damage by impact of a foreign object resulting in a surface indentation with rounded bottom. Parent material is displaced, but seldom separated
1360	Departed from	The actual time of departure from a location.
1370	Deployed	To open out so as to form a more extended area or enclosed volume.
1380	Deployment failed	The intended deployment did not occur.
1400	Descended below	Reduced height to pass under a given level, altitude. height or other reference.
1420	Detached	Disconnected, disengaged, separated; separate, unattached, standing apart, isolated.
1440	Deteriorated	Grew worse in character; became lowered or impaired in quality or value; degenerated.
1460	Detonation	In an internal combustion engine, the rapid and premature combustion of the mixture in the cylinder before it is ignited by the spark or the flame from the spark, producing a rattling or thumping noise.
1480	Difficult	Not easy; requiring effort or labour; occasioning or attended with trouble; troublesome, hard. Hard to perform, carry out, or practise.
1490	Diminished	Made smaller, lessened.
1500	Dirty	Not streamlined of the lines of an aircraft, used esp. of one with its landing gear un-retracted.
1510	Disabled	Rendered incapable of action or use.

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1520	Disconnected	A separated connexion of or between.
1540	Disregarded	Anything treated as of no importance.
1550	Discontinued	Cut off or severed from.
1555	Disintegrated/decomposed	Disintegrated/decomposed. Separated or decomposed into fragments. Excessive degree of fracturing (breaking) as with disintegrated bearings. Complete loss of original form.
1560	Distorted	Twisted out of shape; made crooked; represented with parts out of proportion.
1570	Discharged	To rid of an electric charge; to withdraw electricity from.
1580	Diverted	to turn from one destination to another.
1590	Dispatched	To send an aircraft off after the proper completion of all relevant documentation.
1600	Downwind	Flying parallel with the wind in its direction of flow.
1610	Displaced	Remove or shifted from its proper or usual place.
1620	Drifted	Moved along with the wind.
1630	Eccentric	Eccentricity. Part(s) wherein the intended common center is displaced
1640	Electrical failure	Loss of all systems depended upon a specific electrical supply.
1660	Elongated	Made longer; drawn out or extended to an unusual or unnatural length.
1670	Embrittled	Rendered fragile, breakable; friable easily broken.
1680	Encountered	Went counter to, opposed, thwarted.
1700	Engaged	Being in gear or connected to a drive.
1710	Entered	Went into or onto.
1720	Eroded	Material carried away by flow of fluids or gases; accelerated by heat or grit.
1730	Entangled	Caught or held fast in anything tangled; ensnared.
1740	Erratic	Irregular or uncertain in movement; having no fixed course.
1760	Erroneous	Containing errors; of the nature of error; incorrect, mistaken, wrong.
1780	Exceeded	Passed out of (boundaries,) transcended the limits of; proceeded beyond (a specified point).
1800	Exceeded limits	Transcended the limits.
1820	Excessive	Exceeding what is usual; 'surpassing'; exceedingly great.
1840	Excessive consumption	Exceeding the usual consumption for a given set of conditions.
1860	Excessive friction	Exceeding the usual amount of friction on a moving part.

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1870	Excessive flow/output Exceeding the usual flow/output.	
1880	Excessive noise Exceeding the usual level of noise for a specific environment.	
1900	Excessive play Exceeding the usual maximum freedom of movement e.g. in a bearing or axle.	
1920	Excessive vibration Exceeding the usual vibration levels.	
1940	Excessive voltage Exceeding the usual voltage.	
1960	Exhausted/depleted Emptied of contents; chiefly said of a vessel.	
1980	Existed Was in a specified place or under specified conditions.	
2000	Expectancy The quality or state of counting on; a forecast, calculation.	
2020	Experienced Having experience; wise or skilful through the observation of facts or events, considered as a source of knowledge.	
2040	Expired That which has reached its term; is obsolete or of a date or period completed.	
2060	Exploded Went off' with a loud noise. e.g. gas or gunpowder. To expand violently with a loud report under the influence of suddenly developed internal energy; hence, of a charged jar, mine. Of a boiler or gun to fly in pieces, burst, from a similar cause.ExplodedExplodedWent off' with a loud noise. e.g. gas or gunpowder. To expand violently with a loud report under the influence of suddenly developed internal energy; hence, of a charged jar, mine. Of a boiler or gun to fly in pieces, burst, from a similar cause.	
2070	Exposed Unsheltered or unprotected from the elements.	
2080	Explosive decompression A very rapid reduction of the air-pressure as a result of a rupture of the cabin during high-altitude flight.	
2090	Extended Deployed to the intended position.	
2100	Extension failed Did not deploy to the intended position.	
2120	Failed Broke down under strain or pressure/did not succeed.	
2140	Failed to close Did not reach the fully shut position.	
2160	Failed to extend Did not deploy to the intended position.	
2180	Failed to open Did not reach the intended extent of opening.	
2200	Failed to operate Did not perform as intended.	
2220	Failed to respond Did not react to a selection in the manner expected.	
2240	Failed to retract Did not reach the fully stowed position.	
2260	Failed to trip Did not break a circuit as intended.	
2280	Failed/malfunctioned Broke down under strain or pressure.	
2300	Failure-material A substance which broke down under strain or pressure.	
2310	Failure-partial Started to break down under strain or pressure.	

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2320	False indication	
	Misrepresented the information.	
2330	Failure-total	
	Broke down under strain or pressure/did not succeed.	
2340	Fatigue corrosion	
	Corrosion resulting from simultaneous exposure to a corrosive environment and cyclic tension stresses.	
2360	Fatigue failure	
	Failure of a material due to cyclic tension stress.	
2380	Fatigue fracture	
	Fracture of a material due to cyclic tension stress.	
2400	Faulty	
	Not up to specification.	
2420	Fire in	
	The existence of a fire in a defined enclosure.	
2440	Fire warning	
	System of drawing attention to the existence of a fire.	
2460	Flameout	
	Cessation of combustion in a jet engine.	
2480	Flames	
	Vapour heated to the point of combustion; ignited gas.	
2490	Flattened out	
	Flattened out. Permanent loss of curvature beyond tolerance limits. Usually caused by compression.	
2500	Fluctuating	
	Moving as or in waves; irregularly rising and falling.	
2520	Fluid ingress	
	The presence of a fluid in an area intended to be dry.	
2540	Fluid wrong	
	The existence of a fluid other than that intended for the application.	
2560	Fluttered	
	An aerofoil which underwent repeated cyclic loading and deflection due to inertia, inadequate torsional stiffness and excessive dynamic pressure.	
2580	Foam on	
	The presence of foam fire extinguishing agent.	
2600	Fogged	
	Obscured by condensation on the surface.	
2620	Foreign object damage	
	Damage caused by an object not intended to be present.	
2640	Forgot	
	Ceased to retain in one's memory.	
2660	Fouled	
	Jammed or blocked, rendered immovable or incapable of working.	
2680	Fractured	
	Broke the continuity of; cracked.	
2700	Frayed	
	Worn to shreds by rubbing action.	
2710	Fretting	
	Fretting. Removal of material by rubbing.	
2720	Frozen	
	Congealed by extreme cold; subjected or exposed to extreme cold also stopped by unexpected friction.	
2740	Fumes	
	The volatile matter produced by and usually accompanying combustion or heating of a substance.	
2750	Fused	
	Fusing. Joining together of two materials. Usually caused by heat, friction or electrical current flow.	
2755	Galled	
	Galling. Chafing or severe fretting caused by relative movement of two surfaces under high contact pressure.	

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2760	Glassy	Having the nature or properties of glass, vitreous; resembling glass in any of its conspicuous properties; appearing as if made of glass.
2765	Glazed	Glazing. Undesirable development of a hard, glossy surface due to rubbing action, heat or varnish
2770	Gouged	Gouging. Scooping out of material usually caused by a foreign object.
2780	Heavy	Possessing substantial weight in proportion to bulk; of significant specific gravity. Also used to refer to wide-bodied aircraft particularly in ATC.
2790	Gradient excessive	An amount of inclination to the horizontal or degree of slope which exceeds the expected.
2795	Grooved	Groove(s). Smooth, rounded furrow or furrows of wear, usually wider than scoring, with rounded corners and a smooth groove bottom.
2800	Hidden	Concealed.
2820	Hidden failure	A concealed failure.
2840	High	Of great or considerable extent or magnitude; extending far upward; long upwards.
2860	High compression	Compression above the norm for a particular application.
2880	High pressure	Various applications e.g. gas containers, combustion engine cylinder pressures and meteorological barometric pressures.
2890	High vegetation	Vegetation which extends far upward; long upwards.
2900	Hilly	Comprising natural elevations of the earth surface rising more or less steeply above the level of the surrounding land. Restricted to heights of less elevation than what are called mountains; but the discrimination is a matter of local usage, heights which in one locality are called mountains being in another reckoned merely as hills. A more rounded and less rugged outline is also usually connoted by the name. In Great Britain ground which rises to heights under 2,000 feet is generally called hilly; 'mountain' being confined to greater elevations; but, in India, ranges of 5,000 and even 10,000 feet are commonly called 'hills', in contrast with the Himalayan Mountains, many peaks of which rise beyond 20,000 feet.
2920	Holed	Having a hole or holes; pierced, perforated.
2940	Horizontal	Parallel to the plane of the horizon; at right angles to the vertical line; level; flat; measured in a line or plane parallel to the horizon.
2950	Hot-spot	Hot-spot. Result of subjection to excessive temperature usually evidenced by change in colour and appearance of part.
2960	Hot start	An engine start during which the internal temperatures exceeded the specified limits.
2980	Hydraulic failure	The failure of a hydraulic system to operate as intended.
3000	Ice	Water rendered solid by exposure to a low temperature.
3020	Ice in	The presence of ice in a space.
3040	Ice induction	An intake of ice.
3060	Ice on	The presence of ice on a surface.
3080	Ignited	Set fire to, kindled. Also the term for the start of combustion in a jet engine.

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3100	Ignored	Refused to take notice of; not recognized; to disregarded intentionally, left out of account or consideration.
3110	Impeded	Retarded in progress or action by obstacles put in the way; obstructed; hindered.
3120	Impossible	Not practicable to achieve, that which cannot be done or effected; that which cannot exist or come into being; that cannot be, in existing or specified circumstances.
3140	Improper	Not truly or strictly belonging to the thing under consideration; not in accordance with truth, fact, reason, or rule; abnormal, irregular; incorrect, inaccurate, erroneous, wrong.
3160	Improper operation	An operation which is abnormal, irregular; incorrect, inaccurate, erroneous, wrong.
3180	Improper positioning	A positioning that is abnormal, irregular; incorrect, inaccurate, erroneous, wrong.
3200	Improper procedure	A procedure which is abnormal, irregular; incorrect, inaccurate, erroneous, wrong.
3210	Improper timing	Timing that is abnormal, irregular; incorrect, inaccurate, erroneous, wrong.
3220	Improper use	The use of anything which is abnormal, irregular; incorrect, inaccurate, erroneous, wrong.
3240	Improper venting	Venting which is not in accordance with the design expectations.
3260	Inaccurate	Inexact, incorrect, erroneous.
3280	Inadequate	Not equal to requirement; insufficient.
3290	Inadequate design	A design that is not equal to requirement.
3300	Inadequate grade	A grade that is not equal to requirement; insufficient.
3320	Inadequate marking	Marking that is not equal to requirement; insufficient.
3340	Inadequate type	A system or product of a type that was not equal to requirement; insufficient.
3360	Inadvertent	Characterized by want of attention or taking notice; hence, unintentional.
3380	Inadvertent deployment	The deployment of a device due to want of attention or taking notice; hence, unintentional.
3390	Inadvertent activation	Activation due to want of attention or taking notice; hence, unintentional.
3400	Inadvertent extension	An extension of a device due to want of attention or taking notice; hence, unintentional.
3410	Inadvertent de-activation	The de-activation of a system due to want of attention or taking notice; hence, unintentional.
3420	Inadvertent retraction	The retraction of a device due to want of attention or taking notice; hence, unintentional.
3440	Inadvertent use	The incorrect use of a product system or device due to want of attention or taking notice; hence, unintentional.
3460	Inappropriate	Not appropriate; unsuitable to the particular case; unfitting, improper.
3480	Inattentive	Not attentive; not fixing or applying the mind steadily; not heedful or observant; negligent.
3500	Incomplete	Not complete; not fully formed, made, or done; not whole, entire, or thorough; wanting some part; unfinished, imperfect, defective.

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3520	Incorrect	Not in accordance with fact; erroneous, inaccurate.
3540	Incorrect adjustment	An adjustment that is erroneous, inaccurate.
3550	Incorrect alignment	An alignment that is erroneous, inaccurate.
3560	Incorrect assembly	An assembly that is erroneous, inaccurate.
3580	Incorrect description	A description that is erroneous, inaccurate.
3600	Incorrect grade	A grade that is erroneous, inaccurate.
3620	Incorrect installation	An installation that is erroneous, inaccurate.
3640	Incorrect label	A label that is erroneous, inaccurate.
3660	Incorrect part	A part that is other than that approved for the application.
3680	Incorrect procedure	A procedure that is erroneous, inaccurate.
3700	Incorrect setting	A setting that is erroneous, inaccurate.
3720	Incorrect type	A type that is other than that approved for the application.
3740	Incorrect use	A use that is other than that approved for the item in question.
3760	Incorrectly stowed	Stowed in a manner that is other than that approved for the commodity.
3780	Increased	Made or became greater, augmented, multiplied.
3800	Indication failed	A cessation in the indication of a particular value.
3820	Indirect	Not taking the straight or nearest course to the end in view; not going straight to the point; not acting or exercised with direct force; round-about.
3840	Ineffective	Of such a nature as not to produce the intended, effect; insufficient; without effect, ineffectual; inoperative.
3850	Information insufficient	A lack of the necessary data to form a conclusion.
3852	Information lost	The information was lost
3854	Information suppressed	The equipment/system suppressed information that was available
3860	Inefficient	Failing to produce, or incapable of producing, the desired effect; ineffective.
3870	Ingested	Taken in particularly in jet engines.
3880	Ingestion of foreign object[s]	Foreign objects taken in - particularly in jet engine.
3890	Foreign object/substance on/in	An inappropriate and unwanted substance on a surface or in a space.
3900	Ingestion of volcanic ash	Volcanic ash taken in particularly by an engine.
3910	Ingestion of water	Water taken in taken in particularly by an engine.

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3920	Initiated Commenced, originated.	
3930	Inoperative Not working or taking effect in action.	
3940	Instinctive Of the nature of instinct; operating by or resulting from instinct or innate prompting.	
3960	Insufficient Deficient in force, quality, or amount; lacking in what is necessary or requisite; inadequate.	
3980	Insufficient details Details that are lacking in what is necessary or requisite; inadequate.	
4000	Insufficient equipment Equipment that is deficient in quality, or amount; lacking in what is necessary or requisite; inadequate.	
4020	Insufficient friction Friction lacking in force, quality, or amount for what is necessary or requisite; inadequate.	
4040	Intentional Done on purpose, resulting from intention; intended.	
4060	Interfered To strike against each other; to come into physical collision; to collide or clash, so as to hamper or hinder each other; to get in each other's way, cross each other's path.	
4080	Intermittent That which ceases for a time; coming at intervals; operating by fits and starts.	
4090	Interrupted Broken in upon; broken off; having its course hindered or continuity broken; made discontinuous.	
4100	Invalid Of no force, efficacy, or cogency; esp. without legal force, void.	
4120	Issued Given or sent out authoritatively or officially; sent forth or dealt out in a formal or public manner; published; emitted, put into circulation.	
4140	Jammed/seized Squeezed, blocked up.	
	Note : this should be coded under 'Seized/jammed'. This value will become obsolete with Release 4.3.	
4160	Jettisoned Thrown or ejected overboard (cargo or fuel), esp. in order to lighten an aircraft in difficulty.	
4180	Known deficiency A defect or imperfection which has been discovered previously.	
4200	Lack (of) Deficiency, want, need (of something desirable or necessary);	
4210	Lack of frangibility Too resilient or malleable for the intended purpose.	
4215	Lack of precision	
4218	Lack of range/coverage The equipment did not have the range required for the task. The equipment did not cover the area required for the task.	
4220	Late Occurring, coming, or being after the due or customary time; delayed or deferred in time.	
4240	Late abort A rejection of a take-off after the decision speed was reached.	
	Note : this should be coded under 'Abort/reject - After V1'. This value will become obsolete with Release 4.3.	
4260	Late use An application which was made after the acceptable time limit for such action.	
4280	Lateral imbalance A difference in mass on either side of the centre.	
4300	Leaded Covered, lined, loaded, or weighted with lead.	

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4320	Leak/leaked	A hole or fissure in a vessel containing or immersed in a fluid, by which the fluid enters or escapes from the vessel.
4340	Life expired	Dead.
4360	Light	<ol style="list-style-type: none"> That natural agent or influence which (emanating from the sun, bodies intensely heated or burning, and various other sources) evokes the functional activity of the organ of sight. Of little weigh. The opposite of heavy. To ignite, kindle, illuminate.
4380	Lightning strike	The contact between an aircraft and lightning.
4400	Limited	Circumscribed within definite limits, bounded, restricted.
4420	Local	Belonging to a particular place on the earth's surface; pertaining to or existing in a particular region or district.
4440	Locked	Closed with a lock and key, closely fastened or entwined.
4460	Long	Great in measurement from end to end.
4470	Loose objects	Objects that are not secured.
4480	Loose	Unbound, unattached.
4490	Loose connection	A connection which is not tightened properly.
4500	Loose gravel	Small stones which are not bound.
4510	Loose bolt, nut or other fastener	A fastener which is not secured properly.
4520	Low	Of small upward extent; not tall; short.
4530	Loss-partial	Being deprived of, or the failure to keep part of a possession, appurtenance, right, quality substance or faculty.
4540	Low compression	a compression capability below the normal range.
4550	Loss-total	Being deprived of, or the failure to keep a possession, appurtenance, right, quality substance or faculty.
4560	Low level	See TB 35.
4570	Low ceiling	Cloud cover below stipulated limits.
4580	Low output	An out put that is less than the expected norm.
4600	Low pressure	A barometric pressure situation.A less than normal engine compression.The operating pressure of a pneumatic or other system which is confined to a stipulated limit which is less than the minimum for a high pressure system.
4610	Malfunctioned	A system which failed during a period of operation.
4620	Low voltage	An operating voltage for an electrical system which is below that specified for a high voltage system.A voltage which is less than the normal for a particular system.
4630	Melted	That has been liquefied by heat.Melted. Deformed from the original configuration due to heat, friction or pressure.

ECCAIRS 4	Modifiers	Data Definition Standard
4640	Mishandled Ill-managed; maltreated, ill-treated.	
4650	Miscalculated Calculated or reckoned incorrectly.	
4660	Misinterpreted To interpret erroneously or in an incorrect sense; to give a wrong interpretation to.	
4670	Misrouted To mark incorrectly as available, to send forward incorrectly, to direct to be sent, by an incorrect or inappropriate route.	
4680	Misjudged Judged wrongly; judged ill of; had false opinions of.	
4700	Misleading That which leads astray or causes to err.	
4720	Mismanaged Managed badly or wrongly.	
4730	Mis-matched Mis-match. Improper association of two or more parts.	
4735	Mis-positioned Mis-positioned. Improperly installed part which may damage the installed part or two associated parts. Improperly positioned switch / selector.	
4740	Misread To read or interpret wrongly. or read or interpreted wrongly.	
4760	Mis-rigged Rigged incorrectly.	
4780	Missing Not present; not found; absent; gone.	
4800	Missing part A component that is not present; not found; absent; gone.	
4820	Misused Improperly used or employed; ill-treated.	
4840	Moderate Of medium or middling quantity, quality, size, or extent; fairly large.	
4860	Mountainous Mountainous means comprising natural elevations of the earth's surface rising more or less steeply above the level of the surrounding land. Restricted to heights of greater elevation than what are called hills; but the discrimination is a matter of local usage, heights which in one locality are called mountains being in another reckoned merely as hills. In Great Britain ground which rises to heights greater than 2,000 feet is generally called mountainous; but, in India, ranges of 5,000 and even 10,000 feet are commonly called 'hills', in contrast with the Himalayan Mountains, many peaks of which rise beyond 20,000 feet.	
4880	Multiple failure An event in which more than one failure of a component or system occurs.	
4890	Narrow Having little breadth or width in comparison with the length; wanting in breadth; constricted.	
4900	Nicked Something that is notched or grooved.	
4920	No pressure A vacuum.	
4940	Noisy Making, or given to making, a loud noise; clamorous, turbulent.	
4960	Non-standard Other than to a specified standard.	
4980	Not aborted A take-off which was continued when it might have been discontinued.	
4990	Not activated Not made active, or moved to activity.	
5000	Not advised of No advice received when it could be expected.	

ECCAIRS 4	Modifiers	Data Definition Standard
5010	Not applicable	Inappropriate to the circumstances.
5020	Not airworthy	Not certified as airworthy.
5040	Not approved	Not pronounced good; justified, sanctioned, commended, esteemed by the appropriate authority.
5060	Not armed	Not selected to fire or operate.
5080	Not attained	Not met or achieved.
5100	Not attempted	No effort was made to initiate a particular action or task.
5120	Not authorized	An action which is not approved by the requisite authority.
5140	Not available	Unable to be obtained in the required time.
5160	Not believed	A statement or text which is not accepted as factual.
5180	Not calibrated	An item which has not had its accuracy verified.
5200	Not carried out	An action which was not completed.
5220	Not checked	A system, person or statement which was not verified.
5240	Not comfortable	Not having an easy conscience.
5250	Not completed	Not taken to the desired conclusion.
5260	Not controllable	Unable to be controlled.
5270	Not complied with	Not followed correctly.
5280	Not deployed	Remained stowed.
5290	Not connected	Not mated as required.
5300	Not detected	Remained hidden.
5310	Not corrected	Not rectified or set straight.
5320	Not determined	Un-established.
5340	Not displayed	Not put into clear view when required.
5360	Not done	Omitted.
5380	Not effected	Not put into practice.
5400	Not enforced	Insufficient control to ensure compliance with a requirement.
5420	Not engaged	Not connected to another component.
5440	Not established	Not settled into a pattern.

ECCAIRS 4	Modifiers	Data Definition Standard
5460	Not established on Not following a required path.	
5480	Not existing Does not have a place in the domain of reality, or have objective being.	
5500	Not expected An unforeseen event.	
5520	Not extended Confined to an original specification.	
5540	Not fastened Not secured correctly.	
5560	Not favourable Not supportive.	
5580	Not followed Not followed or adhered to.	
5600	Not forecast Unexpected.	
5620	Not fully utilized The available resources were not used to their limits.	
5640	Not given Data not made available.	
5660	Not heard Referring to something known to have been transmitted not having been heard.	
5680	Not identified A sound sight or other sensation which was perceived but not determined to be the same as something conceived, known, asserted.	
5700	Not implemented Not completed, performed, carried into effect (e.g. a contract or agreement); or fulfilled.	
5720	Not indicated Nothing found which pointed to or towards the presence, existence, or reality of a fact.	
5740	Not inflated A cavity that is not filled with air or gas as intended.	
5760	Not initiated A course of action or practice that has not begun, been commenced, been entered upon; been introduced, been set going, or been originated, or 'started'.	
5780	Not inspected Not looked into carefully; viewed closely and critically or examined with a view to finding out its condition.	
5800	Not installed A system or component not placed in position for service or use either intentionally or inadvertently.	
5820	Not issued Not given or sent out authoritatively or officially in a formal or public manner; not published or put into circulation.	
5840	Not jettisoned Not thrown or ejected overboard (cargo or fuel), esp. in order to lighten an aircraft in difficulty.	
5860	Not locked Not closed with a lock and key, closely fastened or entwined.	
5880	Not lubricated The motion or action of (something) not made slippery or smooth; or rendered smooth by applying a fluid designed for the purpose.	
5900	Not made Not put together [as in the contacts were not made] or, constructed or produced.	
5920	Not maintained Not continued in a specified state, relation, or position, [as in maintaining a heading] Not kept up, preserved, or kept unimpaired; or guarded against loss or derogation.	
5940	Not marked Not identified with an object which, by its ascertained and known position, serves to guide to proceeding in a given direction,	

ECCAIRS 4	Modifiers	Data Definition Standard
5960	Not met	
	Not achieved.	
5980	Not monitored	Not observed, supervised, or kept under review; to measure or test at intervals, for the purpose of regulation or control.
6000	Not notified	Not made known, published, proclaimed; to intimate, give notice of, or announce.
6020	Not observed	A law, command, custom, practice, covenant, set time, or anything prescribed or fixed which was not paid practical attention to or regarded or adhered to or abided by in practice:
6040	Not obtained	Not procured or gained, as the result of purpose and effort; not acquired.
6060	Not performed	Not carried through to completion; completed, finished, [an action, process or work],
6080	Not received	Anything offered or presented, or to which attention is given) in a specified manner that is not taken, accepted, regarded or heard.
6090	Not possible	That which cannot exist, be done, or happen (in general, or in given or assumed conditions or circumstances); that is not in one's power, that no one can do.
6100	Not recent	Much earlier than the present; long past.
6120	Not recovered	Not regained, acquired again, resumed, or return to a quality, state, or condition.
6140	Not relinquished	Not given up or abandon
6160	Not removed	Not moved, shifted, transferred or conveyed from one place to another.
6180	Not retracted	Still extended to some extent
6200	Not secured	Loose
6210	Not safetied	Not prevented from unwanted movement by a securing device
6220	Not seen	That which is unseen or invisible.
6230	Not set	A luminary which has not descended below the horizon at the close of its diurnal period. As in sunset.
6240	Not selected	Not chosen or picked out in preference to another or others by the operation of a device
6250	Not shut down	With reference to engines not stopped intentionally
6260	Not specified	Not mentioned, spoken of, or named definitely or explicitly; or set down or stated categorically or particularly in detail.
6270	Not stabilized	Not able to remain in the same relative place or position in spite of disturbing influences; no capacity for resistance to displacement; no tendency to recover the original position after displacement.
6280	Not suitable	Not fitted for, adapted or appropriate for a purpose.
6300	Not supplied	Something needed, desired, or used that is not provided.
6320	Not understood	Not agreed upon or assumed as known
6340	Not understood - language barrier	Not agreed upon or assumed as known due to an unfamiliarity with the language in which the term is expressed

ECCAIRS 4	Modifiers	Data Definition Standard
6350	Not updated	
	Not supplied with the most recent information; to bring up to date.	
	Note : this should be coded under 'Obsolete'. This value will become obsolete with Release 4.3.	
6360	Not used	
	That which has not been utilized whether it was available or not.	
6380	Not wanted	
	Not sought	
6390	Not verified	
	Not proven by good evidence or valid testimony	
6395	Not visible	
6400	Obsolete	
	That which is no longer practised or used; fallen into disuse; of a discarded type; disused, out of date.	
6410	Obscured	
	Covered or hidden from view; concealed.	
6420	Obstructed	
	Block, closed up, or filled with obstacles or impediments (aircraft, debris, vehicle or work in progress); rendered impassable or difficult of passage.	
6440	Obtrusive	
	Forcibly thrust into notice or prominence; unduly prominent.	
6450	Obtained	
	To possess something by one's own effort, or by request; to procure or gain, as the result of purpose and effort; generally, to acquire, get.	
6460	Oil on	
	The existence of lubricating or hydraulic oil on a surface	
6480	Open	
	Not closed or shut; set up, so as to allow free passage through	
6500	Open circuit	
	Incomplete electrical circuit due to separation at or between electrical connections.	
6510	Operating time expired	
	Continued operation after the expiry of a prescribed time limit	
6520	Out of balance	
	Not in equilibrium	
6530	Other	
	An unspecified modifier	
6540	Out of tolerance	
	Beyond the allowable amount of variation in the dimensions of a system or component	
6560	Out-dated	
	Obsolete	
6580	Outside MEL	
	A component or system not contained in the minimum equipment list	
6600	Over-controlled	
	Applied greater input to the flying controls than necessary	
6620	Overestimated	
	To form an excessive approximate notion of (the amount, number, magnitude, or position of anything) without actual enumeration or measurement	
6630	Overdue	
	An aircraft that has not appeared, or arrived, within the time limits fixed.	
6640	Overheated	
	Became too hot.	
6660	Over-inflated	
	Inflated beyond the permissible limit	
6670	Overload	
	To load with too great a total of fuel, passengers and cargo, to put an excessive load on. To exert too great an aerodynamic or landing load on an aircraft structure	

ECCAIRS 4	Modifiers	Data Definition Standard
6680	Overload failure	A structural, component or system failure occasioned by an excessive aerodynamic or landing load on an aircraft structure
6700	Overlooked	Failed to perceive one's responsibility or duty
6720	Overspeed	Any speed which exceeds the limitations for the application, commonly the revolutions per minute of an engine or rotor
6740	Overstrained	Subjected to excessive strain; stretched or exerted more than it will bear.
6750	Over-temperature	A temperature above the specified maximum permissible
6760	Over-torqued	Subject to a torque greater than that required
6780	Partial loss	Loss of less than the whole
6790	Peeled	Peeling. A breaking away of surface finishes such as coatings and plating. Peeling would be flaking of large pieces. A blistered condition usually precedes or accompanies peeling.
6800	Penetrated	Made its way into or through something, or to some point or place, to get in or through; to gain entrance or access.
6820	Performed	Carried out, achieved, accomplished, executed any action, operation, or process undertaken or entered upon; to go through and finish.
6830	Person on	A person on the outside of an aircraft.
6835	nuisance information	Information was provided that was not requested, asked for and its provision was irritating
6837	nuisance alarm	false, not required alarm
6840	Pinched	Compressed between two opposing bodies; nipped, squeezed; shaped as if compressed; contracted at one part.
6850	Pitted	Pit. A small irregular shaped cavity in the surface of the parent material usually caused by corrosion, chipping or electrical discharge.
6855	Plugged	Plugged. Totally or partially blocked pipe, hoses, tubing, channelling or internal passages.
6860	Poor	Small in amount; less than is wanted or expected; scanty, insufficient, inadequate.
6880	Poor condition	In a condition that is less than is wanted or expected
6885	poor display	The display of information was poor.
6900	Poor execution	The execution of a task is in a manner that is less than is wanted or expected.
6920	Poor planning	The planning of a task in a manner which is less than is wanted or expected.
6925	Poor positioning	The equipment was poorly positioned
6940	Poor weld	A weld of a standard that is less than is wanted or expected.
6960	Popped/tripped	The manner in which an electrical circuit breaker acts to break the circuit
6970	Porous	Porous. State of material caused by internal voids. Usually applied to cast material or welds.

ECCAIRS 4	Modifiers	Data Definition Standard
6980	Premature abort	A take-off which is abandoned before the usual, proper, or appointed time; too early; over-hasty.
7000	Premature deployment	The deployment of a device occurring, or done before the usual, proper, or appointed time; too early; over-hasty.
7020	Premature extension	The extension of a device occurring, or done before the usual, proper, or appointed time; too early; over-hasty.
7040	Premature retraction	The retraction of a device occurring, or done before the usual, proper, or appointed time; too early; over-hasty.
7060	Premature use	The use of a device or system occurring, or done before the usual, proper, or appointed time; too early; over-hasty.
7080	Present	The thing or person that is before one.
7100	Pressure too high/residual pressure	The existing pressure being greater than necessary for a particular purpose
7120	Pressure too low	The existing pressure being less than necessary for a particular purpose
7140	Previous damage	Damage which occurred at an earlier time than that which is being considered
7160	Progress not monitored	Progress of an event which is not observed, supervised, or kept under review.
7180	Radiation leak	A leak involving potentially hazardous ionizing radiation;
7200	Radioactive	A substance, (capable of) undergoing spontaneous nuclear decay involving emission of ionizing radiation in the form of particles or gamma rays; spec. of an element: consisting of a radioactive isotope.
7220	Ran rough	A term denoting the erratic performance of a reciprocating engine occasioned by incorrect carburation or ignition.
7240	Rapid loss	A loss of content at a rate exceeding the norm
7260	Rapid pressure loss	A loss of pressure at a rate exceeding the norm
7280	Readback error	An incorrect repetition of a message, from a receiving station to the transmitting station, intended to confirm correct reception. ICAO Doc 9713.
7290	Recommended	Mentioned or introduced with approbation or commendation in order to induce acceptance or trial.
7300	Recovered	Regained, reacquired, resumed, returned to: a quality, state, or condition.
7310	Required	Demanded as necessary or essential on general principles, in order to comply with or satisfy some regulation.
7320	Reduced	Diminished in number, quantity, amount, or size.
7330	Removed	Moved, shifted, transferred or conveyed from one place to another.
7340	Restricted	Confined to or within certain limits.
7350	Restricted flow	A flow that is confined to or within certain limits.
7360	Restricted movement	A movement that is confined to or within certain limits
7370	Retracted	Pulled back into a stowage

ECCAIRS 4	Modifiers	Data Definition Standard
7380	Retraction failed	
	The system intended to pull a component back into a stowage failed	
7390	Reversed	
	Proceeded backwards, or placed the contrary way.	
7400	Rolling	
	A turning movement of an aeroplane or motor vehicle about the longitudinal axis, or [in reference to a take-off] progressing direct from taxiing to the take-off without bringing the aircraft to rest	
7410	Rising	
	Increasing in elevation	
7420	Rotated	
	Turned in the plane of rotation	
7440	Rough	
	Not even or smooth.	
7460	RPM uncontrollable	
	The speed of rotation was not able to be controlled by the controls provided for the purpose	
7470	Rubbed	
	Rubbed. Moved with pressure or friction against another part.	
7480	Rubber deposits	
	A build up of abraded rubber on a surface	
7500	Runaway	
	Uncontrolled departure of a system from its usual or intended equilibrium.	
7520	Rundown	
	The period involved in bringing a moving system to a halt particularly in power plants.	
7540	Ruptured	
	Burst or suffered a break.	
7560	Sabotaged	
	Ruined, destroyed, or disabled deliberately and maliciously	
7580	Sandy	
	Of the nature of sand; composed of or containing a large proportion of sand.	
7600	Scored	
	Deeply scratched by sharp edges or foreign particles	
7610	Scratched	
	Scratches. Light narrow, shallow mark or marks caused by movement of a sharp object or particle across a surface. Material is displaced, not removed.	
7620	Scuffed	
	Became marked, worn, or damaged by rubbing or scraping.	
7640	Selected	
	Chose or picked out something from a number; to make a selection.	
7660	Separated	
	Disunited, disconnected, made a division between	
7670	Seized/jammed	
	Stuck, jammed, or locked fast; became unworkable, by reason of undue heat or friction. Parts bound together. May be due to expansion or contraction due to high or low temperature, foreign object jammed in mechanism or lack of lubricant.	
7680	Severe	
	Hard to sustain or endure	
7690	Severed	
	Parted or divided suddenly or forcibly; cut in two, cleft or rent asunder.	
7700	Sheared	
	Distorted or fractured by a shearing stress. Body divided by cutting action.	
7720	Shifted	
	Transferred from one place to another; removed; altered the position of.	
7740	Shimmy	
	To shake, quiver, vibrate, to progress hastily or irregularly.	
7745	Short	
	Short (in the sense of the dictionary)	

ECCAIRS 4	Modifiers	Data Definition Standard
7760	Shorted/grounded	
	Of electrical apparatus: failed or ceased working as a result of a short circuit occurring in it.- Grounded. Circuits in which the current has a path to ground	
7780	Shut down	To stop or switch off (esp. an engine); to cause to stop working or running.
7800	Simulated	Imitated the conditions or behaviour of (a situation or process) for the purpose of study or of training
7820	Simulated failure	Imitated the conditions or behaviour of a failed system for the purpose of study or of training
7840	Simulated shut down	Imitated the shut down of a failed system for the purpose of study or of training
7860	Siphoned	Drew off liquid by means of atmospheric pressure, forcing the liquid up the shorter leg and over the bend of a pipe or tube of glass, metal, or other material, bent so that one leg is longer than the other. Fuel siphoning:The unintentional release of fuel caused by overflow, puncture, loose cap, etc.
7880	Skidded	Of a wheel: Slipped or dragged along without revolving, esp. as the effect of having a skid or brake applied to it.
7900	Slippery	Having a smooth, polished, or slimy surface
7910	Slipped	Slid or glided, esp. on a smooth or slippery surface;
7920	Slow	Taking or requiring a comparatively long time; tardy in progress; very gradual.
7940	Slow loss	Gradual loss
7960	Slow pressure loss	Gradual loss of pressure
7980	Slow reaction	A reaction that is inert or sluggish; lacking in promptness or energy.
8000	Slush on	Partially melting of snow or ice on a surface. Slush: Water-saturated snow which with a heel-and-toe slap-down motion against the ground will be displaced with a splatter; specific gravity: 0.5 up to 0.8.
8020	Smelled	Inhaled to ascertain a smell
8040	Smoke in	The existence of smoke in a space
8060	Smoke warning	A warning of smoke from a detection device
8080	Smoke/fumes	
8090	Snagged	Caught on an impediment or obstacle
8100	Snapped	Broke abruptly or suddenly
8110	Snow	The partially frozen vapour of the atmosphere falling in flakes characterized by their whiteness and lightness. Snow (on the ground). a) Dry snow. Snow which can be blown if loose or, if compacted by hand, will fall apart again upon release; specific gravity: up to but not including 0.35. b) Wet snow. Snow which, if compacted by hand, will stick together and tend to or form a snowball; specific gravity: 0.35 up to but not including 0.5. c) Compacted snow. Snow which has been compressed into a solid mass that resists further compression and will hold together or break up if picked up; specific gravity: 0.5 and over.

ECCAIRS 4	Modifiers	Data Definition Standard
8120	Snow on	
	Snow on a surface.	
	Definitions snow (on the ground).	
	a) Dry snow. Snow which can be blown if loose or, if compacted by hand, will fall apart again upon release; specific gravity: up to but not including 0.35.	
	b) Wet snow. Snow which, if compacted by hand, will stick together and tend to or form a snowball; specific gravity: 0.35 up to but not including 0.5.	
	c) Compacted snow. Snow which has been compressed into a solid mass that resists further compression and will hold together or break up into lumps if picked up; specific gravity: 0.5 and over.	
8140	Soft	
	Of a yielding consistency; composed of, or forming, a substance which may easily be moulded or compressed without disintegration.	
8145	Software commissioning	issues related to software commissioning affecting the operation
8147	Software design	Issues related to software design affecting the operation
8160	Software error	An error in the programs and procedures required to enable a computer to perform a specific task
8163	Software integration	Issues related to software integration
8165	Software operation	Issues related to the operation of the software
8167	Software maintenance	Issues related to software maintenance
8170	Soaked	Steeped, macerated; saturated, drenched e.g. water-soaked.
8175	Spalled	Spalled. Sharply roughened area characterized by progressive chipping-away of surface material. Not to be confused with flaking.
8180	Spatter	To splash or stain with drops of fluid.
8200	Spilt	Of a liquid: allowed to flow over or run out
8220	Spontaneous	Produced, developed, coming into existence, by natural processes or changes.
8230	Staggered/off-set	Positioned alternately on one side and the other of a line, or obliquely at successively greater distances from it; also, composed of parts so placed.
8240	Stall/surge	Types of disruption of the normal airflow in a jet engine
8260	Starvation	Deprivation or insufficient supply of something necessary to proper function of a system
8280	Static discharge	Discharge of static electricity build-up from a surface
8300	Sticking	The process or condition of adhering.
8320	Stiff	Rigid; not flexible or pliant.
8340	Stolen	Obtained or removed by theft.
8360	Stopped	Caused to cease; brought to a standstill; barred from further progress or action.
8380	Stress corrosion	Corrosion resulting from stress applied to a material in a corrosive environment
8385	Stretched	Stretching. Enlargement of a part. May result from exposure to operating conditions or excessive force.
8400	Stripped	Has had the accretions of paint or varnish removed

ECCAIRS 4	Modifiers	Data Definition Standard
8420	Strong	Capable of supporting strain or withstanding force, whether by cohesion of substance or by thickness; not easily broken, torn, injured, or forced out of shape; solidly made, massive, stout.
8440	Struck	Subjected to a blow or stroke.
8460	Struck by foreign object	Subjected to a blow by a foreign object
8480	Stuck	Unable to go further
8490	Submerged	Sunk under the surface of a liquid; covered or overflowed with a liquid, operating or being under the surface of a liquid
8500	Sub-standard	Of a quality or size less than that which is normally or officially regarded as standard.
8510	Submerged object	An object that is covered or overflowed with a liquid
8520	Sudden	Of actions, events, conditions: Happening or coming without warning or premonition; taking place or appearing all at once.
8540	Surged	moved as in swelling waves.
8560	Thermal runaway	Uncontrolled increase in the temperature of a system from its usual or intended equilibrium.
8580	Tipped over	Inclined, tilted; overturned, upset
8600	Too close	Not far enough apart
8620	Too cold	Below the specified minimum temperature
8640	Too early	before a specified arrival time
8660	Too high	Above a specified upper limit
8680	Too hot	Above a specified upper temperature limit
8700	Too late	After any latitude in an arrival time
8720	Too low	Below a specified minimum height
8740	Too shallow	Less than a specified minimum depth
8760	Too steep	Greater than a maximum specified angle
8765	Torn	Torn. Separated by pulling apart
8770	Toxic	Of the nature of a poison; poisonous.
8780	Tread shed	The separation of the tread from a tyre
8800	Tree covered	Furnished or abounding with forest, covered with large trees, thickly wooded.
8820	Tripped	
8840	Turned off	Disconnected or stopped by a rotary switch or control
8860	Turned on	Connected or started by a rotary switch or control

ECCAIRS 4	Modifiers	Data Definition Standard
8880	Unable to disconnect	Inability to sever the connexion of or between; to disjoin, disunite, separate
8900	Unable to reset	Inability to return a tripped device to the condition which allows a system to operate
8920	Unacceptable	Not capable, worthy, or likely to be accepted or gladly received
8940	Unaware	not cognizant; ignorant.
8960	Unclear	Not clear or distinct; not easy to understand; obscure, dark.
8980	Un-coordinated	Not acting in combined order for the production of a particular result.
8990	Uncontrolled	Not subjected to control; unrestrained, ungoverned, unchecked:
9000	Uncommanded	Not selected or intended to be done or observed.
9020	Uncommanded deployment	The deployment of a component or system that was not selected or intended to be deployed
9040	Uncommanded extension	The extension of a component or system that was not selected or intended to be extended
9060	Uncommanded retraction	The retraction of a component or system that was not selected or intended to be retracted
9080	Uncontained	Not held together; kept under control, restrained, restricted, confined.
9100	Uncontained failure	A failure in which the separated pieces are not held together; kept under control, restrained, restricted, confined.
9120	Underestimated	Estimated at too low an amount, quantity, number,
9140	Underinflated	Not inflated to or above the minimum specified pressure
9150	Under-speed	Not achieving the minimum specified speed
9160	Under-torqued	Not torqued to at least the minimum value specified
9180	Undetermined failure	A failure the identity of which has not been identified
9200	Uneven	Not smooth or level; irregular, broken, rugged; or unequal; not properly corresponding or agreeing
9210	Undetermined	An event the identity of which has not been identified.
9220	Unforeseen	Not seen or been aware of beforehand
9240	Unintentional	Not done on purpose, or resulting from intention; unintended.
9260	Unknown	Not known; strange, unfamiliar, also to indicate that the nature of the involvement of a subject could not be determined.
9270	Unlatched	An unfastened latch or catch, unfastened in this way.
9280	Unserviceable	Not capable of being employed for its proper purpose.
9290	Unlocked	Not secured or fastened as normal
9300	Unsuccessful	An unfavourable or undesired termination, upshot, result

ECCAIRS 4	Modifiers	Data Definition Standard
9310	Unreliable	That which may not be relied upon; in which reliance or confidence may not be put; untrustworthy, unsafe, unsure.
9320	Unsuitable	Not fitted for, adapted or appropriate to a purpose, object, occasion, or the like
9340	Unsuitable area selected	The area chosen was not appropriate for the purpose.
9360	Unusual noise	A noise that was not normally heard
9380	Used	Customarily employed, experienced, operated, or met with; accustomed, usual.
9400	Using road/taxiway	Utilising a road or taxiway
9420	Vapour lock	An interruption in the flow of a liquid through a pipe as a result of the vaporization of the liquid;
9440	Vertical	Placed or extending at right angles to the plane of the horizon; perpendicular; upright.
9460	Vibration	The rapid alternating or reciprocating motion produced in the particles of an elastic body by the disturbance of equilibrium
9480	Illegal/violation	Broke, infringed, or transgressed unjustifiably; failed to keep or observe. Mostly related to observance of rules, instructions, regulations.
9490	Voltage too high/over-voltage	voltage above a maximum specified
9500	Warped	Bent, contorted, or twisted out of shape.
9520	Water covered	A surface submerged by water
9540	Water in	A space/substance into which water has entered.
9560	Weak	Wanting in solidity or firmness; slight; of a texture easily broken, fragile, frail.
9580	Wet	Consisting of moisture, liquid. Covered by moisture.
9600	Within MEL	A component or system contained in the minimum equipment list.
9620	Without assistance	an activity carried out unaided, such as taxying, push-back etc.
9640	Worn	Impaired by wear or use, or by exposure; showing the results of use or attrition. Worn. Consumption of material of a part as a result of use.
9660	Wrong	Not in conformity with some standard, rule, or principle; deviating from that which is correct or proper; contrary to, at variance with, what one approves or regards as right.
9680	Wrong aerodrome	Not the aerodrome which was authorized / intended / appropriate
9700	Wrong area selected	Selection of an inappropriate area
9710	Wrong engine selected	Selection of the incorrect engine
9720	Wrong material	Material which is inappropriate for the particular application
9740	Wrong runway	A runway other than the one authorised / intended / appropriate
9760	Wrong taxiway	A taxiway other than the one authorised / intended / appropriate

ECCAIRS 4	Modifiers	Data Definition Standard
10010	Suspected	Something imagined to be wrong, or undesirable with insufficient proof or knowledge. To be used in potential factors only.
10020	Possible	That is capable of being; that may or can exist, be done, or happen in given or assumed conditions or circumstances. To be used in potential factors only.
10030	Involved	Included or affected in its operation. To be used in potential factors only.
10040	Likely	Having an appearance of truth or fact; that looks as if it would happen, be realized, or prove to be what is alleged or suggested; probable. To be used in potential factors only.
10084	Garbled / broken up	Garbled / broken up: for use in conjunction with radio communication messages