

ECCAIRS Aviation

1.3.0.12

Data Definition Standard

English

Attribute Values

The category of aircraft was a fixed wing. (Fixed wing)	100
The category of aircraft was a fixed wing airplane. (Airplane)	1
<i>A fixed wing airplane is a heavier than air aircraft with wings which remained in a fixed position under given conditions of flight. May include variable geometry aircraft.</i>	
The category of aircraft was a glider. (Glider)	7
<i>JAR: 'Sailplane' means a heavier-than-air aircraft that is supported in flight by the dynamic reaction of the air against its fixed lifting surfaces, the free flight of which does not depend on an engine.</i>	
Glider - not powered (Glider - not powered)	101
Glider - powered - fixed powerplant installation (Glider - powered - fixed powerplant installation)	102
Glider - powered - powerplant retractable (Glider - powered - powerplant retractable)	103
The category of aircraft was UAV. (UAV)	104
UAV - Model aircraft (radio controlled, etc.) (UAV - Model aircraft)	106
UAV - Other (UAV - Other)	107
The category of aircraft was a fixed wing - other. (Other)	105
The category of aircraft was a rotorcraft. (Rotorcraft)	108
The category of aircraft was a helicopter. (Helicopter)	2
<i>A helicopter is a heavier-than-air aircraft supported in flight chiefly by the reactions of the air on one or more power driven rotors on substantially vertical axes.</i>	
The category of aircraft was a gyroplane. (Gyroplane)	5
<i>A heavier-than-air aircraft supported in flight by the reactions of the air on one or more rotors which rotate freely on substantially vertical axes. (An 7) Formerly known as "autogyro"</i>	
UAV (rotorcraft) (UAV (rotorcraft))	109
UAV (rotorcraft) - Model aircraft (radio controlled, etc.) (UAV (rotorcraft) - Model aircraft)	110
Other (Other)	111
The category of aircraft was a rotorcraft - other. (Other)	112
The category of aircraft was a lighter than air. (Lighter than air)	115
The category of aircraft was airship/dirigible. (Airship)	4
<i>A power-driven lighter-than-air aircraft. (An 7)</i>	
Airship - Gas - non-rigid structure (Airship - Gas - non-rigid structure)	117
Airship - Gas - rigid structure (Airship - Gas - rigid structure)	116
Hot air airship (Hot air airship)	118
The category of aircraft was a balloon. (Balloon)	3

A non-power-driven lighter-than-air aircraft.

Note.- For the purposes of ICAO Annex 1, this definition applies to free balloons.

The note to the above definition appears only in ICAO Annex 1.

Balloon - Gas - free (Balloon - Gas - free)	119
Balloon - Gas - tethered (Balloon - Gas - tethered)	120
Balloon - Hot air (Balloon - Hot air)	121
UAV (lighter than air) (UAV (lighter than air))	122
The category of aircraft was a lighter than air - other. (Other)	123
The category of aircraft was a microlight. (Microlight)	6
<i>May also be called "ultra-light".</i>	
<i>The definitions vary from State to State.</i>	
<i>One definition in ICAO documentation reads: an aircraft having a MTOM not exceeding 454 kg. (1 000 lbs) which is not usually used for public transport purposes. (ICAO Doc 9626, 1996, 1st ed., p. 5.2-2)</i>	
<i>JAR definition: 'Microlight' is an aeroplane having no more than two seats, Vs., not exceeding 35 knots (65 KM/h) CAS, and a maximum take-off mass of no more than:-</i>	
<i>300 kg for a landplane, single seater; or</i>	
<i>330 kg for an amphibian or floatplane, single seater; or</i>	
<i>495 kg for an amphibian or floatplane, two-seater, provided that a microlight capable of operating as both a floatplane and a landplane falls below both MTOM limits, as appropriate.</i>	
<i>- 450 kg for a landplane, two-seater; or</i>	
<i>Note: Foot-launched aircraft are excluded from this definition.</i>	
Fixed-wing microlight (Fixed-wing microlight)	124
Flexwing microlight (Flexwing microlight)	125
Ultralight sailplane (Ultralight sailplane)	126
The category of aircraft was a microlight - other. (Other)	127
The category of aircraft was a hybrid. (Hybrid)	113
Hybrid-Tilt-rotor (Tilt-rotor)	114
The category of aircraft was other than one of the above. (Other)	98
<i>e.g.: Parachute, Para-glider, Hang-glider, etc.</i>	
<i>Ornithopter: A heavier-than-air aircraft supported in flight chiefly by the reactions of the air on planes to which a flapping motion is imparted. ICAO Annex 7.</i>	
Hang-glider (Hang-glider)	130
Hang-glider powered (Hang-glider powered)	134
Parachute (Parachute)	128
Para-glider (Para-glider)	129
Para-glider powered (Para-glider powered)	135
Para-motors/para-planes (Para-motors/para-planes)	131

Rocket (Rocket)	132
The category of aircraft was other than one of the above. (Other)	133
The aircraft category was not determined. (Unknown)	99