

ECCAIRS 4.2.8

Data Definition Standard

Aviation operations

The ECCAIRS 4 list of aviation operations are based on ICAO's ADREP 2000 taxonomy. They have been organised at four hierarchical levels. An operation type can be defined at each desired level.

1000000	Commercial Air Transport	Commercial Air Transport
<i>Commercial air transport operation. An aircraft operation involving the transport of passengers, cargo or mail for remuneration or hire. Annex 6 Part 1, Chapter 1.</i>		
1010000	Scheduled air service	Scheduled revenue ops
<i>Scheduled air service: an air service open to use by the general public and operated according to a published timetable or with such a regular frequency that it constitutes an easily recognizable systematic series of flights which are open to direct booking by members of the public. ICAO DOC 9626.</i>		
1010100	Scheduled international	International
<i>International air service: A flight with one or both terminals in the territory of a State, other than the State in which the carrier has its principal place of business.</i>		
1010101	Scheduled international passenger flight	Passenger
<i>A flight carrying one or more revenue passengers. Note: this includes flights which carry, in addition to passengers mail or cargo.</i>		
1010102	scheduled international cargo flight	Cargo
<i>This is to be used for all-freight services only. Cargo includes freight, unaccompanied baggage and mail.</i>		
1010200	scheduled domestic	Domestic
<i>A flight not classifiable as international. Domestic flight include flights flown between point within the domestic boundaries of an air carrier whose principal place of business is in that State. Flights between a State and territories belonging to it, as well as any flights between two such territories are also classified as "domestic". This applies even though a flight may cross international waters or over the territory of another State.</i>		
1010201	scheduled domestic passenger	Passenger
<i>A scheduled flight carrying one or more revenue passengers. Note: The flight may also carry mail or cargo.</i>		
1010202	scheduled domestic cargo	Cargo
<i>This is to be used for all-freight services. Cargo includes freight, unaccompanied baggage and mail.</i>		
1020000	non scheduled revenue operations	Non-scheduled revenue ops
<i>Charter flights and special flights performed for remuneration other than scheduled flights. This includes charter flights.</i>		
1020100	non-scheduled international	International
<i>International air service: A flight with one or both terminals in the territory of a State, other than the State in which the carrier has its principal place of business.</i>		
1020101	non-scheduled international passenger	Passenger
<i>A non-scheduled revenue flight carrying one or more revenue passengers. Note: The flight may also carry mail or cargo.</i>		
1020102	non-scheduled international cargo	Cargo
<i>This is to be used for all-freight services only. Cargo includes freight, unaccompanied baggage and mail.</i>		
1020200	non-scheduled domestic	Domestic
<i>A flight not classifiable as international. Domestic flight include flights flown between point within the domestic boundaries of an air carrier whose principal place of business is in that State. Flights between a State and territories belonging to it, as well as any flights between two such territories are also classified as "domestic". This applies even though a flight may cross international waters or over the territory of another State.</i>		
1020201	Passenger	Passenger
<i>A flight carrying one or more revenue passengers. Note: The flight may also carry mail or cargo.</i>		
1020202	Cargo	Cargo
<i>This is to be used for all-freight services. Cargo includes freight, unaccompanied baggage and mail.</i>		
1030000	Non-revenue operations	Non-revenue operations
1030100	Ferry/positioning	Ferry/positioning
<i>Positioning: Any flight flown to position the aircraft to be used on some revenue-earning services. Also, in the narrow meaning of the term, any ferry flight. Ferry: a non-revenue flight flown for a positioning or other purpose (such as to enable the aircraft to undergo maintenance).</i>		
1030200	Training/check	Training/check
<i>A non-revenue flight carried out for the purpose of flight crew training or check.</i>		
1030300	Other	Other
<i>Any other non-revenue operation</i>		
1030400	Unknown	Unknown
<i>A non revenue flight the specific nature of which is not known.</i>		

ECCAIRS 4	Aviation Operations	Data Definition Standard
1030500	Acceptance Check flight <i>flights in association with aircraft acceptance or hand back</i>	Acceptance Check flight
1030600	Post maintenance function check flight <i>A flight to check functions after maintenance</i>	Post maintenance function check flight
1030700	Flying displays <i>Display or 'exhibition' flying (for the benefit of persons on the ground) carried out by a commercial operator.</i>	Flying displays
1040000	Other	Other
1040100	air taxi <i>On-demand, non-scheduled flights on short notice for the carriage by air of passengers, freight or mail or any combination thereof for remuneration usually performed with smaller aircraft (max 30 seats or max 3 400 kg of payload capacity). Includes an on-demand flight for the specific carriage of sick or injured persons. (Air ambulance)</i>	Air taxi
1040200	Emergency Medical Service <i>Helicopter Emergency Medical Service (HEMS) flight. A flight by a helicopter operating under a HEMS approval, the purpose of which is to facilitate emergency medical assistance, where immediate and rapid transportation is essential, by carrying: (i) Medical personnel; or (ii) Medical supplies (equipment, blood, organs, drugs); or (iii) Ill or injured persons and other persons directly involved. Source: Appendix 1 to JAR-OPS 3.005(d)</i>	Emergency Medical Service
1040300	off shore flight <i>A flight for the carriage of passengers or freight or a combination thereof for remuneration to and from an off-shore installation.</i>	Off-shore
1040400	sight seeing <i>A flight for the carriage of passengers by air for remuneration which returns to the departure point.</i>	Sightseeing
1040500	Other <i>A public transport operation that does not fall into any of the specific categories provided.</i>	Other
1040600	Unknown <i>A public transport operation the nature of which is not within the revenue / non revenue flights but the specific nature of this flight is not known</i>	Unknown
1050000	Unknown <i>A public transport operation the nature of which is not known</i>	Unknown

2000000 General Aviation		General Aviation
<i>General aviation: All civil aviation operations other than scheduled air services and non-scheduled air transport operations for remuneration or hire or aerial work. Annex 6 Part1, Chapter 1.</i>		
2010000	Pleasure	Pleasure
<i>Private flying operations for no specific purpose.</i>		
2010100	Cross-country	Cross-country
<i>Private flying operations for a cross-country flight.</i>		
2010200	Local	Local
<i>Private flying operations for a local area flying.</i>		
2020000	Business	Business
<i>Flight to carry company personnel. Includes corporate operations.</i>		
2030000	Flight Training/Instructional	Flight Training/Instructional
<i>Flights for the specific purpose of flight training and check by an institution other than an airline</i>		
2030100	Dual	Dual
<i>A flight during which a person is receiving flight instruction from a properly authorized pilot on board the aircraft.</i>		
2030200	Solo	Solo
<i>A flight in which a student pilot is the sole occupant of an aircraft.</i>		
2030300	Check	Check
<i>A flight carried out to verify the qualifications/ability of a license holder.</i>		
2030400	Other	Other
<i>Any other instructional flying</i>		
2030500	Unknown	Unknown
<i>An instructional flight of unknown nature</i>		
2040000	Other	Other
2040100	Test/experimental	Test/experimental
<i>Flights for the purpose of testing aircraft (e.g. after maintenance, to obtain type certificates etc.)</i>		
2040200	Demonstration	Demonstration
<i>A flight carried out to demonstrate the aircraft capabilities.</i>		
2040300	Ferry/positioning	Ferry/positioning
<i>A positioning flight not related to revenue operations</i>		
2040400	Illegal	Illegal
<i>Any illegal operation (aircraft stolen, unauthorized flight, illegal flight)</i>		
2040500	Airshow/race	Airshow/race
<i>Flights carried out in conjunctions with airshows / air races.</i>		
2040600	Other	Other
2040700	Unknown	Unknown
<i>The specific nature of the flight is that it does not belong into any of the other categories, but it is unknown or not determined.</i>		
2040800	First flight	First flight
<i>An aircraft operation in which an aircraft is used to carry persons by air for their first flight.</i>		
2050000	Unknown	Unknown
<i>The nature of the flight is unknown.</i>		

3000000	Aerial Work	Aerial Work
<i>Aerial work: An aircraft operation in which an aircraft is used for specialized services such as agriculture, construction, photography, surveying, observation and patrol, search and rescue, aerial advertisement, etc. Annex 6 Part1, Chapter 1.H9</i>		
3010000	Commercial	Commercial
<i>An aerial work flight carried out for remuneration or reward.</i>		
3010100	Aerial advertising	Aerial advertising
<i>A flight to carry out aerial advertising (e.g. banner towing)</i>		
3010200	Aerial observation	Aerial observation
<i>A flight to carry out aerial observations (e.g. crowds etc.)</i>		
3010300	Aerial patrol	Aerial patrol
<i>A flight to carry out aerial patrols (e.g. pipeline controls)</i>		
3010400	Aerial survey	Aerial survey
<i>A flight to carry out aerial surveys</i>		
3010500	Agricultural	Agricultural
<i>A flight to service agricultural needs (e.g. crop spraying etc.). This includes flights to and from the spray area.</i>		
3010600	Construction/sling load	Construction/sling load
<i>A flight to assist in construction work or carrying sling loads (other than logging flights)</i>		
3010700	Fire fighting	Fire fighting
<i>A flight to carry out fire fighting activities (e.g. spotting, water bombing etc.). This includes flights to and from the fire area.</i>		
3010800	Government excluding state flights	Government excluding state flights
<i>Any government operation not covered under State flights (e.g. ambulance service operated by the Ministry of Health)</i>		
3010900	Logging	Logging
<i>A flight to carry out logging activities</i>		
3011000	Parachute drop	Parachute drop
<i>A flight to carry parachutists.</i>		
3011100	Photography	Photography
<i>A flight to carry out aerial photography</i>		
3011200	Search and rescue	Search and rescue
<i>A flight to carry out search and rescue operations.</i>		
3011300	Towing	Towing
<i>A flight to tow another aircraft (e.g. glider towing)</i>		
3011400	Other	Other
<i>A flight carried out for aerial work other than the categories mentioned above.</i>		
3011500	Unknown	Unknown
3020000	Non-commercial	Non-commercial
<i>An aerial work operation not for remuneration or reward.</i>		
3020100	Aerial advertising	Aerial advertising
<i>A flight to carry out aerial advertising (e.g. banner towing)</i>		
3020200	Aerial observation	Aerial observation
<i>A flight to carry out aerial observations (e.g. crowds etc.)</i>		
3020300	Aerial patrol	Aerial patrol
<i>A flight to carry out aerial patrols (e.g. pipeline controls)</i>		
3020400	Aerial survey	Aerial survey
<i>A flight to carry out aerial surveys</i>		
3020500	Agricultural	Agricultural
<i>A flight to service agricultural needs (e.g. crop spraying etc.)</i>		
3020600	Construction/sling load	Construction/sling load
<i>A flight to assist in construction work or carrying sling loads (other than logging flights)</i>		
3020700	Fire fighting	Fire fighting
<i>A flight to carry out fire fighting activities (e.g. spotting, water bombing etc.)</i>		
3020800	Government excluding state flights	Government excluding state flights
<i>Any government operation not covered under State flights (e.g. ambulance service operated by the Ministry of Health)</i>		

ECCAIRS 4	Aviation Operations	Data Definition Standard
3020900	Logging <i>A flight to carry out logging activities</i>	Logging
3021000	Parachute drop <i>A flight to carry parachutists.</i>	Parachute drop
3021100	Photography <i>A flight to carry out aerial photography</i>	Photography
3021200	Search and rescue <i>A flight to carry out search and rescue operations. The use of aircraft to search for and rescue personnel in distress on land or at sea.</i>	Search and rescue
3021300	Towing <i>A flight to tow another aircraft (e.g. glider towing)</i>	Towing
3021400	Other <i>A flight carried out for aerial work other than the categories mentioned above.</i>	Other
3021500	Unknown	Unknown

4000000	State flights	State flights
<i>State aircraft: Aircraft used in military, customs and police services shall be deemed to be state aircraft. Article 3b of the Convention</i>		
4010000	Police	Police
<i>A flight carried out by the police</i>		
4020000	Coast guard	Coast guard
<i>A flight carried out by the Coast Guard or similar agency.</i>		
4030000	Official	Official
<i>includes VIP flights</i>		
4040000	Military	Military
<i>Operations of the armed forces other than those for remuneration which should be covered under public transport operations.</i>		
4050000	Other	Other
<i>A state flight other than any of the specific categories (police, coast guard, official, military)</i>		
4060000	Unknown	Unknown
<i>A state flight with details unknown.</i>		

5000000 Unknown

Unknown

To be used when the nature of the operation is completely unknown, i.e. when not even a general classification (commercial etc..) can be made.