

# Land Information Ontario Data Description

## Airport Official

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# LIO Class Catalogue

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## Airport - Official

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**Class Short Name:** AIRPTOFF

**Version Number:** 4

**Class Description:**

This data class contains only those airports recognized by the federal aviation authority, NavCanada. Airports recognized by NavCanada but classified as ?abandoned?, are captured in the Airport-Other data class. Tracts of land maintained for the landing and takeoff of aircraft and for receiving /discharging passengers and cargo. Includes: Heliport, Hospital Heliport, Runway, Seaplane Base. Information obtained from NavCanada is mapped relative to the Ontario digital topographic base using maps contained in the published Flight Supplement document. Whenever possible, airport polygon boundaries are alligned with information available from existing land parcel layers.

**Abstract Class Name:** SPMNTUREGION

**Abstract Class**

**Description:**

Spatial Multi-Non-Tessellating-Unconstrained Region: An object is represented by ONE or MORE polygons. Polygons MAY overlap WITHOUT any restrictions. HOLES within and GAPS between polygons ARE allowed. Example: Forest "Insect Damage Area". Mapped "Spruce Budworm" defoliated areas may overlap "Forest Tent Caterpillar" damaged areas. Likewise, mapped "Gypsy Moth" tree mortality areas may overlap mapped other "Gypsy Moth" defoliated areas from current and previous years.

**Tables in LIO Class:**

**Airport - Official**

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**AIRPORT\_OFFICIAL\_FT**

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Official airports recognized at the national level that are not classified as "abandoned".

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>OGF_ID</b>	NUMBER(13,0)	Yes	OGF_ID	
A unique numeric provincial identifier assigned to each object.				
<b>AIRPORT_TYPE</b>	VARCHAR2(25)	Yes	AIRPORT_T	Airport, Heliport, Hospital Heliport, Seaplane Base
Type of airport.-----Uses the NavCanada domain (Airport, Heliport, Hospital Heliport, Seaplane Base) plus the additional value of "Other"-----Type "Other" should never occur for the "Official Airport" layer.-----Type "Other" can only occur with the "Other Airport" layer.				
<b>STATUS</b>	VARCHAR2(50)	Yes	STATUS	Certified Prior Permission Required, N/A or Military, Public Certified, Registered, Registered Prior Notice Required, Registered Prior Permission Required, Unknown
Status of the airport.-----Uses the NavCanada domain (Abandoned, Certified Prior Permission Required, N/A or Military, Public Certified, Registered, Registered Prior Notice Required, Registered Prior Permission Required, Unknown) plus the additional value of "Other"-----Status "Abandoned" and "Other" should never occur for the "Official Airport" layer.-----Status "Abandoned" and "Other" can only occur with the "Other Airport" layer.				
<b>NAME</b>	VARCHAR2(100)	No	NAME	
Official name of the airport.				
<b>OWNER</b>	VARCHAR2(254)	No	OWNER	
Name of the owner of the airport facility.				
<b>AIRPORT_IDENT</b>	VARCHAR2(5)	Yes	AIRPORT_ID	
Unique Transport Canada code for the airstrip. (Ref. Publication TP 667)				
<b>LATITUDE</b>	NUMBER(10,7)	No	LATITUDE	
The latitude derived from the centroid of the polygon.				
<b>LONGITUDE</b>	NUMBER(10,7)	No	LONGITUDE	
The longitude derived from the centroid of the polygon.				
<b>ELEVATION</b>	NUMBER(10,0)	No	ELEVATION	
Amount in metres that a geographic entity is above sea level.				
<b>NUMBER_OF_PAVED_RUNWAYS</b>	NUMBER(2,0)	No	PAVED	
The number of paved runways				
<b>NUMBER_OF_UNPAVED_RUNWAYS</b>	NUMBER(2,0)	No	UNPAVED	
The number of unpaved runways				
<b>LGTH_LONGEST_DAYTIME_RUNWAY</b>	NUMBER(6,0)	No	LGTH_DAY	
Length (in metres) of the longest runway available in the daytime.				
<b>LGTH_LONGEST_NIGHTTIME_RUNWAY</b>	NUMBER(6,0)	No	LGTH_NIGHT	
Length (in metres) of the longest runway available at night.				

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<b>CONTROL_TOWER_IND</b>	VARCHAR2(3)	No	TOWER_IND	Yes, No
Indicates presence of an aircraft control tower.				
<b>INSTRUMENT_FLIGHT_RULES_IND</b>	VARCHAR2(3)	No	IFR_IND	Yes, No
Indicates whether operations under Instrument Flight Rules are permitted.				
<b>VISUAL_FLIGHT_RULES_IND</b>	VARCHAR2(3)	No	VFR_IND	Yes, No
Indicates whether operations under Visual Flight Rules are permitted.				
<b>AIRPORT_LIGHTING</b>	VARCHAR2(100)	No	LIGHTING	ARCAL (Aircraft Radio Control of Airport Lighting), ARCAL (Aircraft Radio Control of Airport Lighting), limited hours, Available 24 hrs., Available on request by radio, Available upon prior request (not by radio), No Lighting
Description of airport (runway) lighting.-----Uses NavCanada domain.				
<b>AIRPORT_AREA_HA</b>	NUMBER(16,3)	No	AREA_HA	
This is a user defined area in hectares.				
<b>COMMENTS</b>	VARCHAR2(2000)	No	COMMENTS	
General comments related to the airport feature.				
<b>SOURCE_DETAIL</b>	VARCHAR2(254)	No	SRC_DETAIL	
<b>LOCATION_ACCURACY</b>	VARCHAR2(25)	No	ACCURACY	Not Applicable, Over 10,000 metres, Within 1 metre, Within 10 metres, Within 10,000 metres, Within 100 metres, ... (See LOCATION_ACCURACY_LIST table)
The degree of conformity or closeness of a measurement within the database to its true value in the world.				
<b>GEOMETRY_UPDATE_DATETIME</b>	DATE	No	GEO_UPD_DT	
Date/time the geometry was created or last modified in the source database.				
<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE	
Date/time the record was created or last modified in the source database.				
<b>SHAPE</b>	SDO_GEOMETRY	No	SHAPE	
Geometry attribute.				

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### LOCATION\_ACCURACY\_LIST

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List of valid LOCATION\_ACCURACYs.

Column Name	Column Type	Mandatory	Short Name	Valid Values
<b>LOCATION_ACCURACY</b>	VARCHAR2(25)	Yes	ACCURACY	

The accuracy of the location of the feature at an OBM scale. The degree of conformity or closeness of a measurement to the true value.

<b>EFFECTIVE_DATETIME</b>	DATE	Yes	EFF_DATE	
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Date/time the record was created or last modified in the source data base.

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<b>EXPIRY_DATETIME</b>	DATE	No	EXP DATE
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Date/time that the record was expired from use.

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**LIO Lookup Table Values:**  
**LOCATION\_ACCURACY\_LIST**

<b>LOCATION ACCURACY</b>	<b>EXPIRY DATETIME</b>
Not Applicable	
Over 10,000 metres	
Within 1 metre	
Within 10 metres	
Within 10,000 metres	
Within 100 metres	
Within 1000 metres	
Within 2 metres	
Within 20 metres	
Within 200 metres	
Within 2000 metres	
Within 5 metres	
Within 50 metres	
Within 500 metres	
Within 5000 metres	
AC Accurate (to 10m)	2007-01-12
AP Approximate (to 500m)	2007-01-12
GE General (to 10,000m)	2007-01-12
MO Moderate (to 1000m)	2007-01-12
RE Reliable (to 100m)	2007-01-12
VA Very Accurate (to 2m)	2007-01-12
VG Vague (to 100,000m)	2007-01-12
^ Data Load	2007-01-12