

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 12.17000 dms
Longitude 114 01 46.62482 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03

ASCM 5850

Tablet Markings DOT702320

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 000

Vert Datum CVD28 Updated: 1981-07-01
Elevation 1075.609 m
Vert Class INTEGRATED , CONSULT AGENCY

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 68-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663020.792 m
Easting -2074.284 m
Convergence -0 01 22.98 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
69989 DOT702333	434.900	1 69/2	0.999735	270 02 21.37	3.3	0.00
200006 DOT702302	464.941	1 49/2	0.999735	90 02 15.79	2.1	0.00
149583 DOT702402	548.755	1 47/2	0.999734	193 47 28.05	4.0	0.00
57554 DOT702301	577.859	1 42/2	0.999735	126 28 48.80	3.5	0.00
150839 DOT702406	584.276	1 125/3	0.999734	82 32 43.50	5.8	0.00
58933 DOT702303	614.445	1 41/2	0.999734	49 13 26.21	3.5	0.00

GEOID DATA (GSD95) Updated: 01-03-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1996-03-19

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.3 s 2 s
Geoid_Ellip Separation -16.35 m 1 m

BRASS CAP ON A 20 CM X 457 CM REINFORCED CONCRETE CYLINDER
0.25 M. BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1996-03-19

Originating Project 80042 80042
Published 81-07-01 81-07-01

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Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

CALGARY INTERNATIONAL AIRPORT; IN SE 1/4 2-25-1-5; 337 M. W OF E SEC LINE; NEAR
E-W 1/4 LINE; 76.2 M. S OF C/L OF RUNWAY 07-25; 38.1 M. E OF E EDGE OF TAXI
'L'; 0.6 M. S OF MP.

NON COORDINATE REVISIONS

1970-11-02 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 0 57

HISTORY DOT 702320 56614 0 57