

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 34.77443 dms
Longitude 114 02 15.05448 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 24703
Tablet Markings DOT702309
Mapsheet Name CALGARY H
Mapsheet Number 5664 - 000

Vert Datum CVD28 Updated: 1981-07-01
Elevation 1080.056 m
Vert Class INTEGRATED , CONSULT AGENCY

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

Marker Condition GOOD 94-11-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5665573.506 m
Easting -2626.055 m
Convergence -0 01 45.14 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
16618 F68	576.510	1	38/2 0.999736	244 08 46.32	3.3	0.00
126284 DOT702310	655.326	1	38/2 0.999734	120 03 13.15	2.0	0.00
260984 F.69	714.987	1	32/2 0.999736	259 56 15.63	2.6	0.00
116954 664-0.69	858.511	1	28/2 0.999735	322 31 17.45	1.5	0.00
78287 F65	870.682	1	25/2 0.999736	234 47 15.83	2.2	0.00
382440 664-0.108	900.762	1	26/2 0.999734	247 50 59.07	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1996-03-19

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.37 m 1 m

BRASS CAP ON A 20 CM X 457 CM REINFORCED CONCRETE CYLINDER
MANHOLE & COVER, 0.6M NE & 0.7M W OF GP

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1996-03-19

Originating Project 80042 80042
Published 81-07-01 81-07-01
Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

COPIED FROM TRANSPORT CANADA

CALGARY INTERNATIONAL AIRPORT; IN SW 1/4 14-25-1-5; 137 M. N OF S SEC. LINE;
NEAR N-S 1/4 LINE; 76.2 M. SW OF C/L OF RUNWAY 10-28; 45.7 M. NW OF HOLDING
AREA RUNWAY 10; 0.6 M. SW 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

MARKER REPORTED IN GOOD CONDITION

1994-11-03 1995-01-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 0 37

HISTORY DOT 702309 56644 0 37