

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

Horz Datum NAD83      Updated: 1994-05-24  
Latitude    51 08 45.12981 dms  
Longitude   113 59 31.74324 dms  
Horz Class INTEGRATED    , ORDER 2

Marker Installed    78-03

ASCM      5736

Tablet Markings    DOT702343

Date Printed      2025-08-03  
Last Updated      2012-07-27

Mapsheet Name    CALGARY A  
Mapsheet Number   5667 + 004

Vert Datum CVD28      Updated: 1981-07-01  
Elevation    1098.446 m  
Vert Class INTEGRATED    , CONSULT AGENCY

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

Marker Condition    GOOD      94-11-04

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3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2012-07-27

Scale Factor    0.999900    At Ref Mer 114

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Northing    5667746.842 m  
Easting      549.204 m  
Convergence    0 00 22.00 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor    0.999731  
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ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
130161 DOT702345	637.636	1	20/1	78 37 01.91	1.5	0.00
212126 DOT702344	916.419	1	15/1	0 02 05.40	1.3	0.00

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

Component	Magnitude	Std Dev
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Meridian Defl,XI(+N)	2.5    s	2    s
Prime Vert Defl,ETA(+E)	5.1    s	2    s
Geoid_Ellip Separation	-16.47 m	1    m

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MARKER TYPE

Updated: 1996-03-01

BRASS CAP ON A 20 CM X 457 CM REINFORCED CONCRETE CYLINDER  
MANHOLE & COVER, 0.3M S OF GP

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COORDINATE HISTORY      HORZ      VERT

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

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

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MARKER LOCATION

Updated: 1970-11-02

AT THE INTERNATIONAL AIRPORT;  
APPROX 649M E OF N-S FENCE ALONG THE E/S OF BARLOW TRAIL;  
CLOSE TO HISTORICAL SITE ALONG BARLOW TR AND S OF 112 AVE;  
124M S OF AN E-W FENCE WHICH IS 820M S OF 112 AVE;  
79M E OF A N-S FENCE.

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NON COORDINATE REVISIONS

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

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MARKER CONDITION COMMENTS

Inspected      Updated

MARKER REPORTED IN GOOD CONDITION.

1994-11-04    1995-01-09

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COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

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HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56673    4    21

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HISTORY DOT 702343      56673    4    21