# Remote Airport Obstruction Maintenance AKSAS 64128 and 64207

## DEM Certification Kaltag Airport

I hereby certify that an independent ground survey was performed under my supervision to obtain data for and to check the reliability of the bare earth digital elevation models as defined in the following files:

o File Name: Kaltag Bare-Earth DEM 001.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3779029.58, North 3784529.58

o File Name: Kaltag Bare-Earth DEM 002.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1525676.17, East 1531176.17, South 3779029.58, North 3784529.58

o File Name: Kaltag Bare-Earth DEM 003.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1531176.17, East 1536676.17, South 3779029.58, North 3784529.58

o File Name: Kaltag Bare-Earth DEM 004.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1514676.17, East 1520176.17, South 3773529.58, North 3779029.58

o File Name: Kaltag Bare-Earth DEM 005.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3773529.58, North 3779029.58

File Name: Kaltag Bare-Earth DEM 006.tif

File Size: 118.251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1525676.17, East 1531176.17, South 3773529.58, North 3779029.58

o File Name: Kaltag Bare-Earth DEM 007.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1531176.17, East 1536676.17, South 3773529.58, North 3779029.58

o File Name: Kaltag Bare-Earth DEM 008.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1509176.17, East 1514676.17, South 3768029.58, North 3773529.58

File Name: Kaltag Bare-Earth DEM 009.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD 1983 StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1514676.17, East 1520176.17, South 3768029.58, North 3773529.58

File Name: Kaltag Bare-Earth DEM 010.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3768029.58, North 3773529.58

o File Name: Kaltag Bare-Earth DEM 011.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:07 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1525676.17, East 1531176.17, South 3768029.58, North 3773529.58

o File Name: Kaltag Bare-Earth DEM 012.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:08 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska 6 FIPS\_5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1509176.17, East 1514676.17, South 3762529.58, North 3768029.58

o File Name: Kaltag Bare-Earth DEM 013.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:08 P.M

Horizontal Coordinate System: NAD 1983 StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1514676.17, East 1520176.17, South 3762529.58, North 3768029.58

File Name: Kaltag Bare-Earth DEM 014.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:08 P.M

Horizontal Coordinate System: NAD 1983 StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3762529.58 North 3768029.58

File Name: Kaltag Bare-Earth DEM 015.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:08 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1509176.17, East 1514676.17, South 3757029.58 North 3762529.58

o File Name: Kaltag Bare-Earth DEM 016.tif

File Size: 118,251 KB

Save Date/Time: 03/06/2015 5:08 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1514676.17, East 1520176.17, South 3757029.58 North 3762529.58

The files are in geotiff (.tif) format and were produced by Kodiak Mapping, Inc. from an aerial mapping survey conducted on October 8, 2014.

The surfaces are comprised solely of the LIDAR survey data generated by Kodiak Mapping, Inc. The surfaces meet 2-foot contour accuracy standards. Lounsbury's independent ground survey for quality control used a combination of conventional and Real Time Kinematic (RTK) GPS techniques, employing a Leica TCR 1105 total station and Topcon GR-5 units.

Kodiak Mapping, Inc. mapped approximately 5498 acres of ground lying within the DEM files listed above. A random sampling of topographic points was withheld throughout the mapping area by Lounsbury & Associates. The measured coordinates of these points were compared to the surface definitions as an independent check and were found to meet the specified accuracy as qualified above.



Jacob M. Gerondale, LS-11758

# Remote Airport Obstruction Maintenance AKSAS 64128 and 64207

### DSM Certification Kaltag Airport

I hereby certify that an independent ground survey was performed under my supervision to obtain data for and to check the reliability of the bare earth digital elevation models as defined in the following files:

o File Name: Kaltag Highest-Hit DSM 001.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:39 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3779029.58, North 3784529.58

o File Name: Kaltag Highest-Hit DSM 002.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:39 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1525676.17, East 1531176.17, South 3779029.58, North 3784529.58

o File Name: Kaltag Highest-Hit DSM 003.tif

File Size: 118,251 KB

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Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1531176.17, East 1536676.17, South 3779029.58, North 3784529.58

o File Name: Kaltag Highest-Hit DSM 004.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:39 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1514676.17, East 1520176.17, South 3773529.58, North 3779029.58

o File Name: Kaltag Highest-Hit DSM 005.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:39 P.M

Horizontal Coordinate System: NAD 1983 StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3773529.58, North 3779029.58

o File Name: Kaltag Highest-Hit DSM 006.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:39 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

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Extents: West 1525676.17, East 1531176.17, South 3773529.58, North 3779029.58

File Name: Kaltag Highest-Hit DSM 007.tif

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Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1531176.17, East 1536676.17, South 3773529.58, North 3779029.58

File Name: Kaltag Highest-Hit DSM 008.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:39 P.M

Horizontal Coordinate System: NAD 1983 StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1509176.17, East 1514676.17, South 3768029.58, North 3773529.58

File Name: Kaltag Highest-Hit DSM 009.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1514676.17, East 1520176.17, South 3768029.58, North 3773529.58

File Name: Kaltag Highest-Hit DSM 010.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3768029.58, North 3773529.58

o File Name: Kaltag Highest-Hit DSM 011.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1525676.17, East 1531176.17, South 3768029.58, North 3773529.58

o File Name: Kaltag Highest-Hit DSM 012.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

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File Name: Kaltag Highest-Hit DSM 013.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

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File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

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Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1520176.17, East 1525676.17, South 3762529.58 North 3768029.58

File Name: Kaltag Highest-Hit DSM 015.tif

File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane Alaska 6 FIPS 5006 Feet

Vertical Coordinate System: NAVD 88, US Survey Feet

Extents: West 1509176.17, East 1514676.17, South 3757029.58 North 3762529.58

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File Size: 118,251 KB

Save Date/Time: 02/11/2015 2:40 P.M

Horizontal Coordinate System: NAD\_1983\_StatePlane\_Alaska\_6\_FIPS\_5006\_Feet

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Extents: West 1514676.17, East 1520176.17, South 3757029.58 North 3762529.58

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