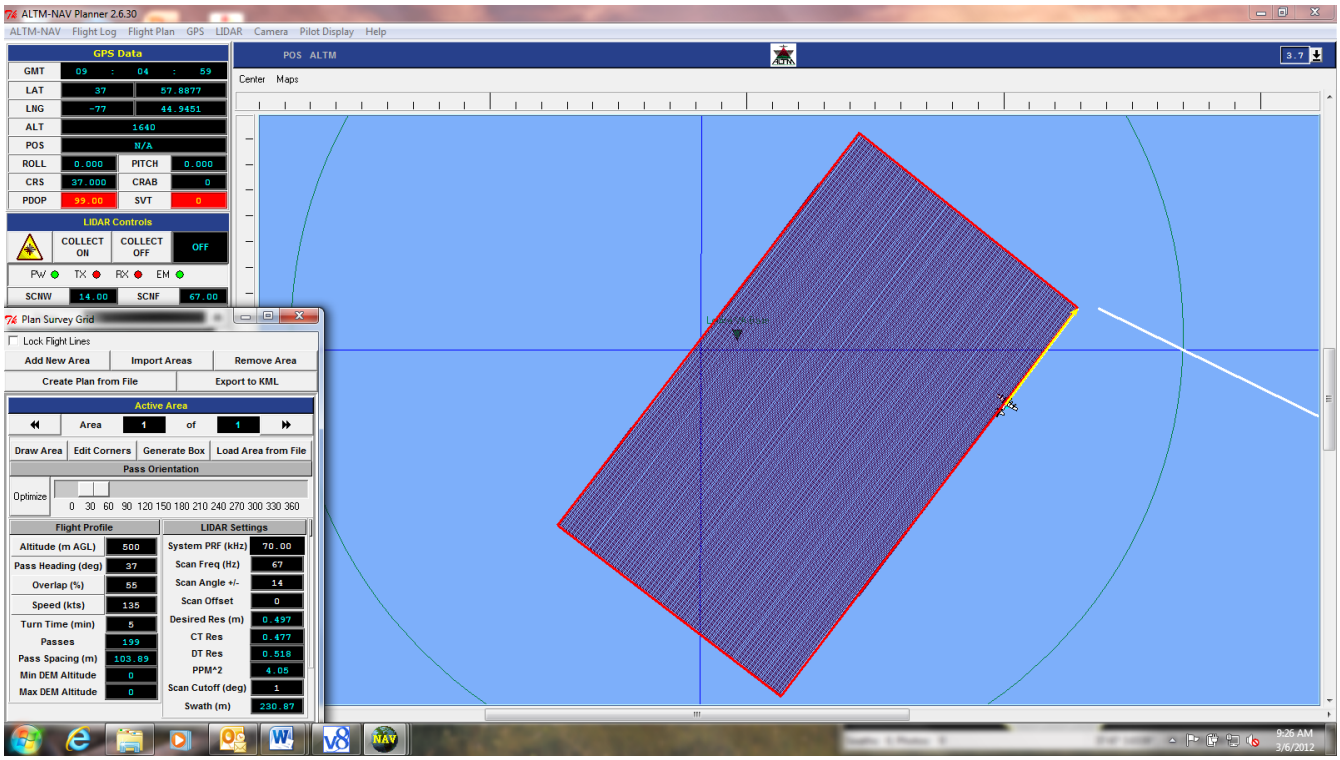
LMSI Subcontract No. S/C-G10PC00013-10
under USGS Prime Contract G10PC00013
Task Order 4
Acct# 50050389-E001LMSI

Louisa, VA LIDAR
Acquisition and Field QC Status

ALTM NAV Flight Plan – Optech ALTM3100EA LIDAR System
Piper Navajo Aircraft
3/15/12

Flight Layout



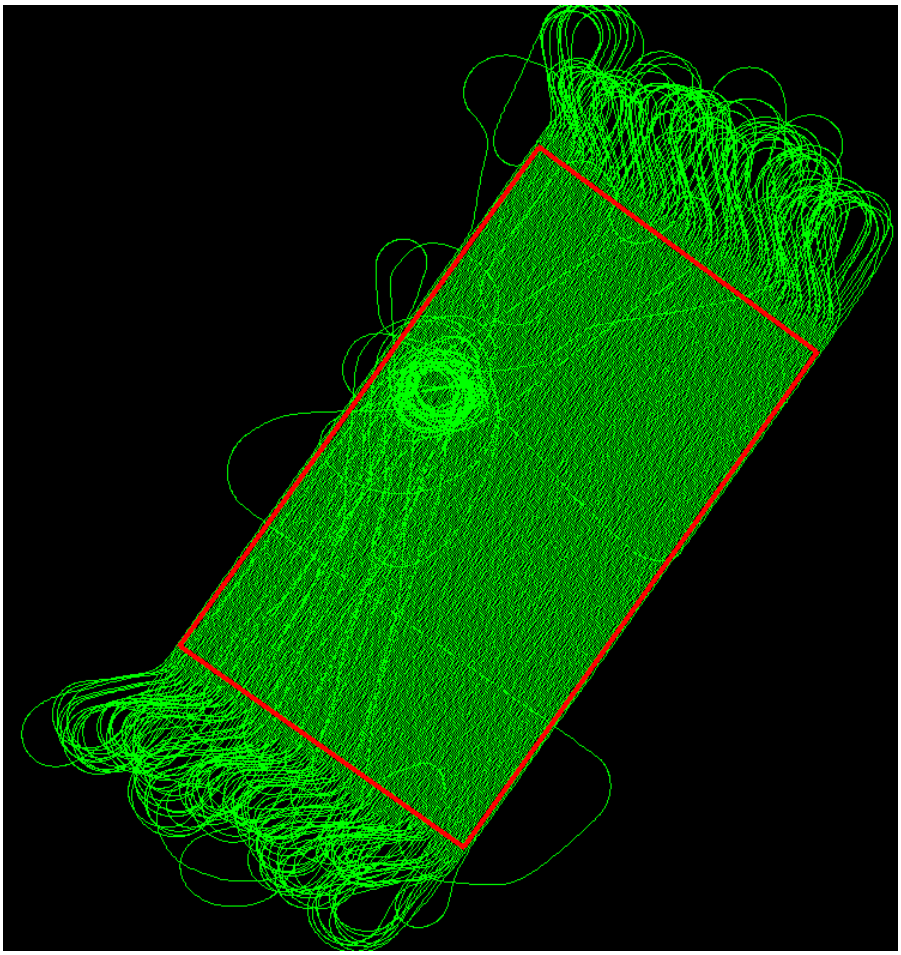
Laser Firing Rate:	70000
Altitude (mtr. AGL):	500
Swath Overlap (%):	55
Approx. Ground Speed (kts):	135
Scan Rate (Hz):	67
Scan Angle (°±):	14
Computed Along Track Spacing (mtr):	0.5
Computed Cross track Spacing (mtr.):	0.5
Average Raw Point Spacing (mtr.)	4
Computed Swath Width (mtr.):	230
Number of Lines Req'd:	199
Line Spacing (mtr.)	104

LIDAR Flight Parameters

Acquisition Status

All LIDAR acquisition is complete and ground control and field QC is complete. All flights were executed as planned with no unusual occurrences. Data acquisition began on Friday, March 9, 2012 (Julian day 12069) and was completed on Tuesday, March 13, 2012 (Julian day 12073). Base stations were occupied on NGS markers LKU A and VA 21 both located at the Louisa County Airport as planned.

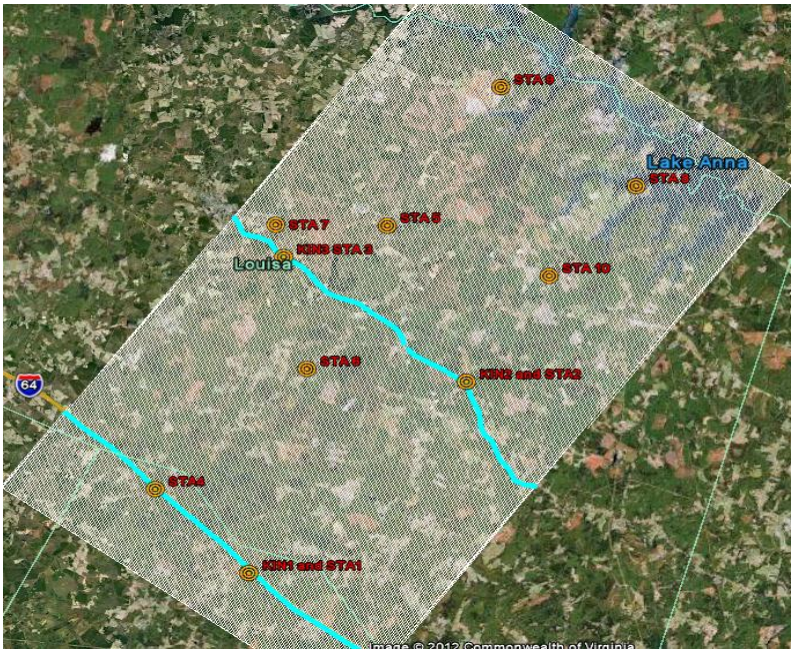
Louisa County Airport (LKU)



Screen capture of Louisa airborne trajectories showing flight lines flown

GPS Control Plan

GPS control was established as planned. Two Topcon GR3 receivers and 1 Leica SR500 receiver was used for ground control. 7 static ground control points and 2 kinematic sections were surveyed across the project site tying into 5 NGS survey markers.



Software Used for LIDAR Acquisition and Field QC

Flight Planning – Optech ALTMNAV

GPS Processing – Applanix POSGPS

IMU Processing – Applanix POSPROC

LIDAR Processing – Optech Dashmap

LIDAR Calibration - Terramatch

NGS Monuments at the Louisa County Airport

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AA9201 ****************************************************************************
AA9201  SACS        -  This is a Secondary Airport Control Station.
AA9201  DESIGNATION -  LKU A
AA9201  PID         -  AA9201
AA9201  STATE/COUNTY-  VA/LOUISA
AA9201  USGS QUAD   -  MINERAL (1981)
AA9201
AA9201                        *CURRENT SURVEY CONTROL
AA9201  ______________________________________________________________________________
AA9201* NAD 83(2007)-  38 00 38.85961(N)     077 57 53.49016(W)      ADJUSTED
AA9201* NAVD 88     -       148.73   (meters)     488.0    (feet)   GPS OBS
AA9201  ______________________________________________________________________________
AA9201  EPOCH DATE  -        2002.00
AA9201  X           -   1,049,185.121 (meters)                      COMP
AA9201  Y           -  -4,921,184.212 (meters)                      COMP
AA9201  Z           -   3,906,459.745 (meters)                      COMP
AA9201  LAPLACE CORR-           0.47  (seconds)                     DEFLEC09
AA9201  ELLIP HEIGHT-         116.438 (meters)          (02/10/07) ADJUSTED
AA9201  GEOID HEIGHT-         -32.32  (meters)                      GEOID09
AA9201
AA9201  ------- Accuracy Estimates (at 95% Confidence Level in cm) --------
AA9201  Type    PID    Designation                      North   East  Ellip
AA9201  ------------------------------------------------------------------
AA9201  NETWORK AA9201 LKU A                             0.47   0.37   1.33
AA9201  ------------------------------------------------------------------
AA9201
AA9201.This mark is at Louisa Co/freeman Fld Airport (LKU)
AA9201
AA9201.The horizontal coordinates were established by GPS observations
AA9201.and adjusted by the National Geodetic Survey in February 2007.
AA9201
AA9201.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
AA9201.See National Readjustment for more information.
AA9201
AA9201.The horizontal coordinates are valid at the epoch date displayed above
AA9201.which is a decimal equivalence of Year/Month/Day.
AA9201
AA9201.The orthometric height was determined by GPS observations and a
AA9201.high-resolution geoid model.
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AA9201
AA9201.GPS derived orthometric heights for airport stations designated as
AA9201.PACS or SACS are published to 2 decimal places.  This maintains
AA9201.centimeter relative accuracy between the PACS and SACS.  It does
AA9201.not indicate centimeter accuracy relative to other marks which are
AA9201.part of the NAVD 88 network.
AA9201
AA9201.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AA9201
AA9201.The Laplace correction was computed from DEFLEC09 derived deflections.
AA9201
AA9201.The ellipsoidal height was determined by GPS observations
AA9201.and is referenced to NAD 83.
AA9201
AA9201.The geoid height was determined by GEOID09.
AA9201
AA9201;                   North         East     Units Scale Factor Converg.
AA9201;SPC VA S     - 1,186,296.837 3,546,996.056   MT  1.00000835   +0 19 29.2
AA9201;SPC VA S     - 3,892,042.21 11,637,102.89   sFT  1.00000835   +0 19 29.2
AA9201;UTM  18      - 4,211,162.081   239,703.191   MT  1.00043457   -1 49 36.5
AA9201;UTM  17      - 4,211,361.267   766,468.646   MT  1.00047462   +1 52 12.6
AA9201
AA9201!             -  Elev Factor  x  Scale Factor =   Combined Factor
AA9201!SPC VA S     -   0.99998173  x   1.00000835  =   0.99999008
AA9201!UTM  18      -   0.99998173  x   1.00043457  =   1.00041629
AA9201!UTM  17      -   0.99998173  x   1.00047462  =   1.00045634
AA9201
AA9201                         SUPERSEDED SURVEY CONTROL
AA9201
AA9201  ELLIP H (05/15/02)  116.419  (m)                       GP(       ) 5 2
AA9201  NAD 83(1993)-  38 00 38.86050(N)    077 57 53.48999(W) AD(       ) 1
AA9201  ELLIP H (04/02/98)  116.474  (m)                       GP(       ) 4 2
AA9201  NAD 83(1993)-  38 00 38.86049(N)    077 57 53.48997(W) AD(       ) 1
AA9201  ELLIP H (11/30/95)  116.474  (m)                       GP(       ) 4 2
AA9201  NAVD 88 (11/30/95)  148.82   (m)          488.3    (f) GPS OBS
AA9201
AA9201.Superseded values are not recommended for survey control.
AA9201.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AA9201.See file dsdata.txt to determine how the superseded data were derived.
AA9201
AA9201_U.S. NATIONAL GRID SPATIAL ADDRESS: 18STH3970311162(NAD 83)
AA9201
AA9201_MARKER: I = METAL ROD
AA9201_SETTING: 59 = STAINLESS STEEL ROD IN SLEEVE (10 FT.+)
AA9201_STAMPING: LKU A 1994
AA9201_MARK LOGO: NGS
AA9201_PROJECTION: FLUSH
AA9201_MAGNETIC: N = NO MAGNETIC MATERIAL
AA9201_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AA9201_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AA9201+SATELLITE: SATELLITE OBSERVATIONS - March 27, 2006
AA9201_ROD/PIPE-DEPTH: 8.3  meters
AA9201_SLEEVE-DEPTH  : 1.0 meters
AA9201
AA9201  HISTORY     - Date     Condition        Report By
AA9201  HISTORY     - 1994     MONUMENTED       NGS
AA9201  HISTORY     - 19941016 GOOD             NGS
AA9201  HISTORY     - 19970131 GOOD             NGS
AA9201  HISTORY     - 19980307 MARK NOT FOUND   USPSQD
AA9201  HISTORY     - 20021008 GOOD             USPSQD
AA9201  HISTORY     - 20060327 GOOD             USPSQD
AA9201
AA9201                          STATION DESCRIPTION
AA9201
AA9201                          STATION RECOVERY (1997)
AA9201
AA9201'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1997 (AJL)
AA9201'THE STATION IS LOCATED ABOUT 26.0 MI (41.8 KM) EAST OF
AA9201'CHARLOTTESVILLE,VA, 2.0 MI (3.2 KM) EAST OF LOUISA,VA, AT LOUISA
AA9201'COUNTY INDUSTRIAL AIRPARK, AT THE WEST END OF AIRPORT, IN GRASSY AREA
AA9201'BETWEEN RUNWAY AND TAXIWAY AT THE EAST END OF AIRPORT.  OWNERSHIP --
AA9201'LOUISA COUNTY.  CONTACT LEE WILLIAMS,ASST.  AIRPORT MANAGER OR RON
AA9201'REYOLDS,AIRPORT MANAGER,RT.1 BOX 311D,LOUISA,VA.  23093.PHONE
AA9201'540-967-0797 FOR ACCESS TO AIRPORT.  THIS STATION IS DESIGNATED AS A
AA9201'SECONDARY AIRPORT CONTROL STATION.  TO REACH STATION FROM THE JUNCTION
AA9201'OF STATE HIGHWAYS 208,22 AND U.S.HIGHAWY 33 ABOUT 1.0 MI (1.6 KM)
AA9201'SOUTHEAST OF LOUISA,GO EAST ON STATE HIGHWAY 22 FOR 1.5 MI (2.4 KM) TO
AA9201'SECONDARY STATE HIGHWAY 780 ON THE RIGHT.TURN RIGHT AND GO SOUTH THEN
AA9201'WEST ON HIGHWAY 780 FOR 0.3 MI (0.5 KM) TO A PAVED ROAD LEFT ( AIRPORT
AA9201'ACCESS ROAD ).TURN LEFT AND GO SOUTH ON PAVED ROAD FOR 0.05 MI (0.08
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AA9201'KM) TO AIRPORT BUILDING STRAIGHT AHEAD AND A PAVED ROAD RIGHT.TURN
AA9201'RIGHT AND GO WEST FOR 0.1 MI (0.2 KM) TO END OF ROAD AND A ROAD
AA9201'LEFT.TURN LEFT AND GO 0.05 MI (0.08 KM) TO A TAXIWAY.TURN LEFT ONTO
AA9201'TAXIWAY AND GO EAST 0.5 MI (0.8 KM) ON TAXIWAY TO TAXIWAY CONNECTOR B
AA9201'AND STATION ON RIGHT. THE STATION IS LOCATED 147.4 FT (44.9 M) NORTH
AA9201'OF THE CENTERLINE OF RUNWAY, 86.4 FT (26.3 M) WEST OF THE CENTERLINE
AA9201'OF TAXIWAY CONNECTOR B, 86.4 FT (26.3 M) NORTHEAST OF TWO BLUE TAXIWAY
AA9201'LIGHTS, 93.6 FT (28.5 M) SOUTH OF THE CENTERLINE OF TAXIWAY. THE
AA9201'STATION IS THE TOP CENTER OF A STAINLESS STEEL ROD DRIVEN TO REFUSAL
AA9201'TO A DEPTH OF 8.3 M (27.2 FT) RECESSED 0.3 FT (9.1 CM) BELOW GROUND IN
AA9201'A 0.5 FT (15.2 CM) DIA. PVC PIPE WITH NGS LOGO CAP SURROUNDED BY
AA9201'CONCRETE.THE LOGO CAP AND CONCRETE ARE SET FLUSH TO THE GROUND. ED

AA9201   STATION RECOVERY (2002)
AA9201
AA9201'RECOVERY NOTE BY US POWER SQUADRON 2002 (EEC)
AA9201'
AA9201'RECOVERY NOTE BY US POWER SQUADRON 2006 (EEC)
AA9201'RECOVERED IN GOOD CONDITION.

UA0023 **
UA0023 CBN   - This is a Cooperative Base Network Control Station.
UA0023 PACS   - This is a Primary Airport Control Station.
UA0023 DESIGNATION - VA 21
UA0023 PID   - UA0023
UA0023 STATE/COUNTY- VA/LOUISA
UA0023 USGS QUAD   - MINERAL (1981)
UA0023
UA0023   *CURRENT SURVEY CONTROL
UA0023 ____
UA0023* NAD 83(2007)- 38 00 35.25527(N)   077 58 24.21345(W)   ADJUSTED
UA0023* NAVD 88   -   144.79   (meters)   475.0   (feet) GPS OBS
UA0023 ____
UA0023 EPOCH DATE -   2002.00
UA0023 X   -   1,048,465.706 (meters)   COMP
UA0023 Y   - -4,921,404.317 (meters)   COMP
UA0023 Z   -   3,906,369.747 (meters)   COMP
UA0023 LAPLACE CORR-   0.47 (seconds)   DEFLEC09
UA0023 ELLIP HEIGHT-   112.480 (meters)   (02/10/07) ADJUSTED
UA0023 GEOID HEIGHT-   -32.33 (meters)   GEOID09
UA0023
UA0023 ------- Accuracy Estimates (at 95% Confidence Level in cm) --------
UA0023 Type   PID   Designation   North   East Ellip
UA0023 --
UA0023 NETWORK UA0023 VA 21   0.41   0.33   1.29
UA0023 --
UA0023
UA0023.This mark is at Louisa Co/freeman Fld Airport (LKU)
UA0023
UA0023.The horizontal coordinates were established by GPS observations
UA0023.and adjusted by the National Geodetic Survey in February 2007.
UA0023
UA0023.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
UA0023.See National Readjustment for more information.
UA0023
UA0023.The horizontal coordinates are valid at the epoch date displayed above
UA0023.which is a decimal equivalence of Year/Month/Day.
UA0023
UA0023.The orthometric height was determined by GPS observations and a
UA0023.high-resolution geoid model.
UA0023
UA0023.GPS derived orthometric heights for airport stations designated as
UA0023.PACS or SACS are published to 2 decimal places. This maintains
UA0023.centimeter relative accuracy between the PACS and SACS. It does
UA0023.not indicate centimeter accuracy relative to other marks which are
UA0023.part of the NAVD 88 network.
UA0023
UA0023.The X, Y, and Z were computed from the position and the ellipsoidal ht.
UA0023
UA0023.The Laplace correction was computed from DEFLEC09 derived deflections.
UA0023
UA0023.The ellipsoidal height was determined by GPS observations
UA0023.and is referenced to NAD 83.
UA0023
UA0023.The geoid height was determined by GEOID09.
UA0023
UA0023;   North   East   Units Scale Factor Converg.
UA0023;SPC VA S   - 1,186,181.493 3,546,247.207   MT 1.00000816   +0 19 10.6
UA0023;SPC VA S   - 3,891,663.78 11,634,646.04   sFT 1.00000816   +0 19 10.6

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UA0023;UTM  18      - 4,211,074.895   238,950.217   MT  1.00043940   -1 49 55.3
UA0023;UTM  17      - 4,211,225.708   765,722.834   MT  1.00046973   +1 51 53.5
UA0023
UA0023!             -  Elev Factor  x  Scale Factor =   Combined Factor
UA0023!SPC VA S     -   0.99998235  x   1.00000816  =   0.99999051
UA0023!UTM  18      -   0.99998235  x   1.00043940  =   1.00042174
UA0023!UTM  17      -   0.99998235  x   1.00046973  =   1.00045207
UA0023
UA0023|---------------------------------------------------------------------|
UA0023| PID    Reference Object                     Distance      Geod. Az  |
UA0023|                                                           dddmmss.s |
UA0023| AA9200 LKU B                              346.721 METERS 26406     |
UA0023|---------------------------------------------------------------------|
UA0023
UA0023                          SUPERSEDED SURVEY CONTROL
UA0023
UA0023  ELLIP H (07/14/04)  112.485  (m)                       GP(       ) 3 2
UA0023  ELLIP H (08/14/01)  112.475  (m)                       GP(       ) 4 1
UA0023  NAD 83(1993)-  38 00 35.25638(N)    077 58 24.21328(W) AD(       ) B
UA0023  ELLIP H (06/29/94)  112.530  (m)                       GP(       ) 4 1
UA0023  NAD 83(1993)-  38 00 35.25639(N)    077 58 24.21328(W) AD(       ) B
UA0023  ELLIP H (04/04/94)  112.530  (m)                       GP(       ) 4 1
UA0023  NAVD 88 (11/22/95)  144.88   (m)          475.3    (f) GPS OBS
UA0023  NAVD 88 (04/04/94)  144.80   (m)          475.1    (f) GPS OBS
UA0023
UA0023.Superseded values are not recommended for survey control.
UA0023.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
UA0023.See file dsdata.txt to determine how the superseded data were derived.
UA0023
UA0023_U.S. NATIONAL GRID SPATIAL ADDRESS: 18STH3895011074(NAD 83)
UA0023
UA0023_MARKER: I = METAL ROD
UA0023_SETTING: 59 = STAINLESS STEEL ROD IN SLEEVE (10 FT.+)
UA0023_SP_SET: STAINLESS STEEL ROD IN SLEEVE
UA0023_STAMPING: VA 21 1993
UA0023_MARK LOGO: NGS
UA0023_PROJECTION: FLUSH
UA0023_MAGNETIC: N = NO MAGNETIC MATERIAL
UA0023_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
UA0023_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
UA0023+SATELLITE: SATELLITE OBSERVATIONS - March 27, 2006
UA0023_ROD/PIPE-DEPTH: 5.5  meters
UA0023_SLEEVE-DEPTH  : 1 meters
UA0023
UA0023  HISTORY     - Date     Condition        Report By
UA0023  HISTORY     - 1993     MONUMENTED       NGS
UA0023  HISTORY     - 19941017 GOOD             NGS
UA0023  HISTORY     - 19970131 GOOD             NGS
UA0023  HISTORY     - 19980307 GOOD             USPSQD
UA0023  HISTORY     - 20000228 GOOD             GEOMET
UA0023  HISTORY     - 20020326 GOOD             GEOMET
UA0023  HISTORY     - 20030828 GOOD             VADOT
UA0023  HISTORY     - 20060327 GOOD             USPSQD
UA0023
UA0023                          STATION DESCRIPTION
UA0023
UA0023'DESCRIBED BY NATIONAL GEODETIC SURVEY 1993
UA0023'THE STATION IS LOCATED ABOUT 26.0 MI (41.8 KM) EAST OF
UA0023'CHARLOTTESVILLE, 2.0 MI (3.2 KM) EAST OF LOUISA, AT THE LOUISA
UA0023'INDUSTRIAL AIRPARK, BETWEEN THE RUNWAY AND THE TAXI RAMP.
UA0023'OWNERSHIP--LOUISA COUNTY.  CONTACT JIM BELL, PROFESSIONAL LAND
UA0023'SURVEYOR, P.O. BOX 430, MINERAL, VA 23117.  PHONE 703-967-1514.
UA0023'TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAYS 208, 22 AND
UA0023'U.S. HIGHWAY 33 ABOUT 1.0 MI (1.6 KM) SOUTHEAST OF LOUISA, GO EAST ON
UA0023'STATE HIGHWAY 22 FOR 1.5 MI (2.4 KM) TO SECONDARY STATE HIGHWAY 780
UA0023'ON THE RIGHT, TURN RIGHT AND GO SOUTH THEN WEST ON HIGHWAY 780 FOR
UA0023'0.3 MI (0.5 KM) TO A PAVED ROAD LEFT, TURN LEFT AND GO SOUTH ON THE
UA0023'PAVED ROAD 0.05 MI (0.08 KM) TO AIRPORT BUILDING STRAIGHT AHEAD AND A
UA0023'PAVED ROAD RIGHT, TURN RIGHT AND GO WEST 0.1 MI (0.2 KM) TO END OF
UA0023'ROAD AND ROAD LEFT, TURN LEFT AND GO 0.05 MI (0.08 KM) TO TAXIWAY,
UA0023'TURN RIGHT AND GO 0.1 MI (0.2 KM) TO A ACCESS RAMP LEFT, TURN LEFT
UA0023'AND GO SOUTH ABOUT 20 METERS (65.6 FT) TO THE STATION ON THE RIGHT.
UA0023'LOCATED 28.3 M (92.8 FT) NORTH OF THE CENTERLINE OF THE RUNWAY, 16.1 M
UA0023'(52.8 FT) WEST FROM THE CENTERLINE OF THE TAXI RAMP AND 0.5 M
UA0023'(1.6 FT) EAST FROM A WITNESS POST.
UA0023
UA0023                          STATION RECOVERY (1994)
UA0023
UA0023'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1994 (JDR)
UA0023'THE STATION IS LOCATED ABOUT 26.0 MI (41.8 KM) EAST OF
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UA0023'CHARLOTTESVILLE, 2.0 MI (3.2 KM) EAST OF LOUISA, AT THE LOUISA
UA0023'INDUSTRIAL AIRPARK, BETWEEN THE RUNWAY AND THE TAXI RAMP.
UA0023'OWNERSHIP--LOUISA COUNTY. CONTACT JIM BELL, PROFESSIONAL LAND
UA0023'SURVEYOR, P.O.BOX 430, MINERAL VA 23117. PHONE 703-967-1514.
UA0023'
UA0023'TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAYS 208,22 AND
UA0023'U.S.HIGHWAY 33 ABOUT 1.0 MI (1.6 KM) SOUTHEAST OF LOUISA, GO EAST ON
UA0023'STATE HIGHWAY 22 FOR 1.5 MI (2.4 KM) TO SECONDARY STATE HIGHWAY 780 ON
UA0023'THE RIGHT. TURN RIGHT AND GO SOUTH THEN WEST ON HIGHWAY 780 FOR 0.3
UA0023'MI (0.5 KM) TO A PAVED ROAD LEFT. TURN LEFT AND GO SOUTH ON THE PAVED
UA0023'ROAD 0.05 MI (0.08 KM) TO AIRPORT BUILDING STRAIGHT AHEAD AND A PAVED
UA0023'ROAD RIGHT. TURN RIGHT AND GO WEST 0.1 MI (0.2 KM) TO END OF ROAD AND
UA0023'A ROAD LEFT. TURN LEFT AND GO 0.05 MI (0.08 KM) TO TAXIWAY. TURN
UA0023'RIGHT AND GO 0.1 MI (0.2 KM) TO A ACSESS RAMP LEFT. TURN LEFT AND GO
UA0023'SOUTH ABOUT 20 MT TO THE STATION ON THE RIGHT.
UA0023'
UA0023'LOCATED 28.3 MT NORTH OF THE CENTERLINE OF THE RUNWAY, 16.1 MT WEST
UA0023'FROM THE CENTERLINE OF THE TAXI RAMP AND 0.5 MT EAST FROM A WITNESS
UA0023'POST
UA0023
UA0023 STATION RECOVERY (1997)
UA0023
UA0023'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1997 (AJL)
UA0023'THE STATION IS LOCATED ABOUT 26.0 MI (41.8 KM) EAST OF
UA0023'CHARLOTTESVILLE,VA, 2.0 MI (3.2 KM) EAST OF LOUISA,VA, AT LOUISA
UA0023'COUNTY INDUSTRIAL AIRPARK, AT THE WEST END OF AIRPORT, IN GRASSY AREA
UA0023'BETWEEN RUNWAY AND TAXIWAY AT THE APPOARCH END OF RUNWAY 9. OWNERSHIP
UA0023'-- LOUISA COUNTY. CONTACT LEE WILLIAMS,ASST. AIRPORT MANAGER OR RON
UA0023'REYOLDS,AIRPORT MANAGER,RT.1 BOX 311D,LOUISA,VA. 23093.PHONE
UA0023'540-967-0797 FOR ACCESS TO AIRPORT. THIS STATION IS DESIGNATED AS A
UA0023'PRIMARY AIRPORT CONTROL STATION. TO REACH STATION FROM THE JUNCTION
UA0023'OF STATE HIGHWAYS 208,22 AND U.S.HIGHAWY 33 ABOUT 1.0 MI (1.6 KM)
UA0023'SOUTHEAST OF LOUISA,GO EAST ON STATE HIGHWAY 22 FOR 1.5 MI (2.4 KM) TO
UA0023'SECONDARY STATE HIGHWAY 780 ON THE RIGHT.TURN RIGHT AND GO SOUTH THEN
UA0023'WEST ON HIGHWAY 780 FOR 0.3 MI (0.5 KM) TO A PAVED ROAD LEFT (AIRPORT
UA0023'ACCESS ROAD).TURN LEFT AND GO SOUTH ON PAVED ROAD FOR 0.05 MI (0.08
UA0023'KM) TO AIRPORT BUILDING STRAIGHT AHEAD AND A PAVED ROAD RIGHT.TURN
UA0023'RIGHT AND GO WEST FOR 0.1 MI (0.2 KM) TO END OF ROAD AND A ROAD
UA0023'LEFT.TURN LEFT AND GO 0.05 MI (0.08 KM) TO A TAXIWAY.TURN RIGHT ONTO
UA0023'TAXIWAY AND GO 0.10 MI (0.16 KM) TO THE TAXIWAY CONNECTOR D ON
UA0023'LEFT.TURN LEFT AND GO 75.0 FT (22.9 M) TO THE STATION ON THE RIGHT.
UA0023'THE STATION IS LOCATED 114.3 FT (34.8 M) NORTH OF THE CENTERLINE OF
UA0023'RUNWAY, 52.9 FT (16.1 M) WEST OF THE CENTERLINE OF TAXIWAY CONNECTOR
UA0023'D, 70.4 FT (21.5 M) NORTHEAST OF WHITE AND AMBER RUNWAY LIGHT, 127.0
UA0023'FT (38.7 M) SOUTH OF THE CENTERLINE OF TAXIWAY, 2.8 FT (0.9 M) EAST OF
UA0023'A SHORT WITNESS POST.THE STATION IS THE TOP CENTER OF A STAINLESS
UA0023'STEEL ROD DRIVEN TO REFUSAL TO A DEPTH OF 5.5 M (18.0 FT) RECESSED 0.5
UA0023'FT (15.2 CM) BELOW GROUND IN A 0.5 FT (15.2 CM) DIA. PVC PIPE WITH
UA0023'NGS LOGO CAP SURROUNDED BY CONCRETE.THE LOGO CAP AND CONCRETE ARE SET
UA0023'FLUSH TO THE GROUND. ED 2/97
UA0023
UA0023 STATION RECOVERY (1998)
UA0023
UA0023'RECOVERY NOTE BY US POWER SQUADRON 1998
UA0023'RECOVERED IN GOOD CONDITION.
UA0023
UA0023 STATION RECOVERY (2002)
UA0023
UA0023'RECOVERY NOTE BY GEOMETRICS GPS INCORPORATED 2002 (BCL)
UA0023'CONTACT INDUSTRIAL DEVELOPEMENT AUTHORITY COORDINATOR DAWN PICKHART
UA0023'(540)967-0050
UA0023
UA0023 STATION RECOVERY (2003)
UA0023
UA0023'RECOVERY NOTE BY VIRGINIA DEPARTMENT OF TRANSPORTATION 2003 (JCA)
UA0023'RECOVERED IN GOOD CONDITION.
UA0023
UA0023 STATION RECOVERY (2006)
UA0023
UA0023'RECOVERY NOTE BY US POWER SQUADRON 2006 (EEC)
UA0023'RECOVERED IN GOOD CONDITION.