The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

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DATABASE =  ,PROGRAM = datasheet, VERSION =  7.71
1        National Geodetic Survey,   Retrieval Date = SEPTEMBER  3, 2009
 GD1923 ***********************************************************************
 GD1923  SACS        -  This is a Secondary Airport Control Station.
 GD1923  DESIGNATION -  FAA CEY B
 GD1923  PID         -  GD1923
 GD1923  STATE/COUNTY-  KY/CALLOWAY
 GD1923  USGS QUAD   -  DEXTER (1986)
 GD1923
 GD1923                         *CURRENT SURVEY CONTROL
 GD1923 ______________________________________________________________________
 GD1923* NAD 83(2007)-  36 40 09.51033(N)     088 21 52.06397(W)      ADJUSTED
 GD1923* NAVD 88     -       179.70   (meters)      560.0    (feet)  GPS OBS
 GD1923 ______________________________________________________________________
 GD1923  EPOCH DATE  -          2002.00
 GD1923  X           -     146,193.377 (meters)                       COMP
 GD1923  Y           -  -5,120,021.282 (meters)                       COMP
 GD1923  Z           -   3,788,105.843 (meters)                       COMP
 GD1923  LAPLACE CORR-          -2.73  (seconds)                      DEFLEC99
 GD1923  ELLIP HEIGHT-         142.094 (meters)          (02/10/07) ADJUSTED
 GD1923  GEOID HEIGHT-         -28.59  (meters)                      GEOID03
 GD1923
 GD1923  ------- Accuracy Estimates (at 95% Confidence Level in cm) --------
 GD1923  Type     PID     Designation                      North   East   Ellip
 GD1923  ----------------------------------------------------------------------
 GD1923  NETWORK GD1923 FAA CEY B                           0.55   0.49    1.29
 GD1923  ----------------------------------------------------------------------
 GD1923
 GD1923.This mark is at Kyle-Oakley Field Airport (CEY)
 GD1923
 GD1923.The horizontal coordinates were established by GPS observations
 GD1923.and adjusted by the National Geodetic Survey in February 2007.
 GD1923
 GD1923.The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
 GD1923.See National Readjustment for more information.
 GD1923.The horizontal coordinates are valid at the epoch date displayed above.
 GD1923.The epoch date for horizontal control is a decimal equivalence
 GD1923.of Year/Month/Day.
 GD1923
 GD1923.The orthometric height was determined by GPS observations and a
 GD1923.high-resolution geoid model.
 GD1923
 GD1923.GPS derived orthometric heights for airport stations designated as
 GD1923.PACS or SACS are published to 2 decimal places.  This maintains
 GD1923.centimeter relative accuracy between the PACS and SACS.  It does
 GD1923.not indicate centimeter accuracy relative to other marks which are
 GD1923.part of the NAVD 88 network.
 GD1923
 GD1923.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 GD1923
 GD1923.The Laplace correction was computed from DEFLEC99 derived deflections.
 GD1923
 GD1923.The ellipsoidal height was determined by GPS observations
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GD1923.and is referenced to NAD 83.
GD1923
GD1923.The geoid height was determined by GEOID03.
GD1923
GD1923;                    North          East      Units Scale Factor Converg.
GD1923;SPC KY1Z      - 1,040,563.850 1,266,279.842   MT  1.00012476   -1 36 18.6
GD1923;SPC KY1Z      - 3,413,916.56  4,154,453.11    sFT 1.00012476   -1 36 18.6
GD1923;SPC KY S      -   540,518.293   266,305.395   MT  1.00001224   -1 35 08.1
GD1923;SPC KY S      - 1,773,350.43    873,703.62    sFT 1.00001224   -1 35 08.1
GD1923;UTM  16       - 4,059,055.841   378,068.455   MT  0.99978316   -0 48 53.8
GD1923
GD1923!              -  Elev Factor  x  Scale Factor =   Combined Factor
GD1923!SPC KY1Z      -   0.99997770  x   1.00012476  =   1.00010246
GD1923!SPC KY S      -   0.99997770  x   1.00001224      0.99998994
GD1923!UTM  16       -   0.99997770  x   0.99978316  =   0.99976087
GD1923
GD1923:                 Primary Azimuth Mark                      Grid Az
GD1923:SPC KY1Z      -  FAA CEY A                                 234 00 22.1
GD1923:SPC KY S      -  FAA CEY A                                 233 59 11.6
GD1923:UTM  16       -  FAA CEY A                                 233 12 57.3
GD1923
GD1923 ---------------------------------------------------------------------
GD1923| PID    Reference Object                    Distance      Geod. Az  |
GD1923|                                                          ddddmmss.s |
GD1923| GD1922 FAA CEY A                          APPROX. 0.8 KM 2322403.5 |
GD1923|--------------------------------------------------------------------|
GD1923
GD1923                          SUPERSEDED SURVEY CONTROL
GD1923
GD1923  NAD 83(1993)-  36 40 09.51099(N)    088 21 52.06498(W) AD(      ) 1
GD1923  ELLIP H (01/09/97)  142.074  (m)                       GP(      ) 4 1
GD1923  NAD 83(1993)-  36 40 09.50998(N)    088 21 52.06442(W) AD(      ) 3
GD1923  ELLIP H (12/20/96)  142.105  (m)                       GP(      ) 4 1
GD1923  NAD 83(1986)-  36 40 09.51643(N)    088 21 52.06827(W) AD(      ) 3
GD1923  NGVD 29 (05/21/91)  170.7    (m)          560.     (f) GPS OBS
GD1923
GD1923.Superseded values are not recommended for survey control.
GD1923.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
GD1923.See file dsdata.txt to determine how the superseded data were derived.
GD1923
GD1923_U.S. NATIONAL GRID SPATIAL ADDRESS: 16SCF7806859056(NAD 83)
GD1923_MARKER: DZ = AZIMUTH MARK DISK
GD1923_SETTING: 34 = SET IN THE FOOTINGS OF SMALL/MEDIUM STRUCTURES
GD1923_SP SET: CONCRETE CULVERT
GD1923_STAMPING: FAA CEY B
GD1923_MARK LOGO: NGS
GD1923_MAGNETIC: N   NO MAGNETIC MATERIAL
GD1923_STABILITY: C   MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
GD1923+STABILITY: SURFACE MOTION
GD1923_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
GD1923+SATELLITE: SATELLITE OBSERVATIONS - July 29, 1996
GD1923
GD1923  HISTORY      - Date     Condition        Report By
GD1923  HISTORY      - 1990     MONUMENTED       NGS
GD1923  HISTORY      - 19910130 GOOD
GD1923  HISTORY      - 19951212 GOOD             LOWE
GD1923  HISTORY      - 19960729 GOOD             NGS
GD1923
GD1923                          STATION DESCRIPTION
GD1923
GD1923'DESCRIBED BY NATIONAL GEODETIC SURVEY 1990
GD1923'THE STATION IS LOCATED ABOUT 9.0 KM (5.6 MI) NORTHWEST OF MURRAY, AT
GD1923'THE MURRAY/CALLOWAY COUNTY AIRPORT AND IN TOP OF THE NORTH CORNER OF
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GD1923'THE CONCRETE FOUNDATION OF A CATCH BASIN NEAR THE NORTHEAST END OF
GD1923'THE TAXIWAY LEADING TO THE END OF RUNWAY 23. OWNERSHIP--CITY OF
GD1923'MURRAY AND CALLOWAY COUNTY BOARD, RT. 2, BOX 192A, MURRAY, KY 42071,
GD1923'PHONE 502-489-2414, AIRPORT MANAGER IS JOHN W. PARKER, PHONE
GD1923'502-489-2414.
GD1923'TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAYS 641 AND 121,
GD1923'ON THE NORTH SIDE OF MURRAY, GO NORTHWEST ON STATE HIGHWAY 121 FOR
GD1923'4.18 KM (2.60 MI) TO THE JUNCTION OF STATE HIGHWAY 783 ON THE RIGHT,
GD1923'TURN RIGHT, NORTH, ON STATE HIGHWAY 783 FOR 3.86 KM (2.40 MI) TO THE
GD1923'JUNCTION OF THE AIRPORT ENTRANCE ROAD ON THE LEFT (WITH AIRPORT SIGN)
GD1923', TURN LEFT, WEST, ON THE ENTRANCE ROAD FOR 0.88 KM (0.55 MI) TO THE
GD1923'PARKING AREA, TURN RIGHT, NORTH, TO A GATE, PASS THRU THE GATE AND
GD1923'ONTO THE APRON, GO NORTHWEST ACROSS THE APRON TO THE JUNCTION OF THE
GD1923'TAXIWAYS, TURN RIGHT, NORTHEAST, ON THE TAXIWAY FOR 0.88 KM
GD1923'(0.55 MI) THE STATION ON THE LEFT.
GD1923'THE STATION IS LOCATED 13.3 M (43.6 FT) NORTHWEST OF THE CENTER OF THE
GD1923'TAXIWAY, 1.95 M (6.40 FT) SOUTH OF THE CONCRETE PAD AROUND THE CATCH
GD1923'BASIN, 1.4 M (4.6 FT) SOUTHEAST OF A FIBERGLASS WITNESS POST AND 0.1
GD1923'M (0.3 FT) NORTH OF THE NORTH CORNER OF THE METAL GRATE OF THE CATCH
GD1923'BASIN.
GD1923
GD1923 STATION RECOVERY (1991)
GD1923
GD1923'RECOVERED 1991
GD1923'RECOVERED IN GOOD CONDITION.
GD1923
GD1923 STATION RECOVERY (1995)
GD1923
GD1923'RECOVERY NOTE BY LOWE ENGINEERS 1995 (LDS)
GD1923'RECOVERED AS DESCRIBED. THIS STATION IS A SECONDARY AIRPORT CONTROL
GD1923'STATION.
GD1923
GD1923 STATION RECOVERY (1996)
GD1923
GD1923'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1996 (KRN)
GD1923'RECOVERED AS DESCRIBED. THIS STATION IS A SECONDARY AIRPORT CONTROL
GD1923'STATION.

*** retrieval complete.
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