

The NGS Data Sheet

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

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DATABASE = , PROGRAM = datasheet, VERSION = 7.67
1 National Geodetic Survey, Retrieval Date = AUGUST 7, 2009
AC5745 *****
AC5745 CBN - This is a Cooperative Base Network Control Station.
AC5745 PACS - This is a Primary Airport Control Station.
AC5745 DESIGNATION - CEY A
AC5745 PID - AC5745
AC5745 STATE/COUNTY- KY/CALLOWAY
AC5745 USGS QUAD - KIRKSEY (1981)
AC5745
AC5745 *CURRENT SURVEY CONTROL
AC5745
AC5745* NAD 83(2007)- 36 39 40.29252(N) 088 22 36.79785(W) ADJUSTED
AC5745* NAVD 88 - 173.80 (meters) 570.2 (feet) GPS OBS
AC5745
AC5745 EPOCH DATE - 2002.00
AC5745 X - 145,098.269 (meters) COMP
AC5745 Y - -5,120,592.984 (meters) COMP
AC5745 Z - 3,787,385.248 (meters) COMP
AC5745 LAPLACE CORR- -2.70 (seconds) DEFLEC99
AC5745 ELLIP HEIGHT- 145.221 (meters) (02/10/07) ADJUSTED
AC5745 GEOID HEIGHT- -28.57 (meters) GEOID03
AC5745
AC5745 ----- Accuracy Estimates (at 95% Confidence Level in cm) -----
AC5745 Type PID Designation North East Ellip
AC5745 -----
AC5745 NETWORK AC5745 CEY A 0.51 0.45 1.25
AC5745 -----
AC5745
AC5745 This mark is at Kyle-Oakley Field Airport (CEY)
AC5745
AC5745 The horizontal coordinates were established by GPS observations
AC5745 and adjusted by the National Geodetic Survey in February 2007.
AC5745
AC5745 The datum tag of NAD 83(2007) is equivalent to NAD 83(NSRS2007).
AC5745 See National Readjustment for more information.
AC5745 The horizontal coordinates are valid at the epoch date displayed above.
AC5745 The epoch date for horizontal control is a decimal equivalence
AC5745 of Year/Month/Day.
AC5745
AC5745 The orthometric height was determined by GPS observations and a
AC5745 high-resolution geoid model.
AC5745
AC5745 GPS derived orthometric heights for airport stations designated as
AC5745 PACS or SACS are published to 2 decimal places. This maintains
AC5745 centimeter relative accuracy between the PACS and SACS. It does
AC5745 not indicate centimeter accuracy relative to other marks which are
AC5745 part of the NAVD 88 network.
AC5745
AC5745 The X, Y, and Z were computed from the position and the ellipsoidal ht.
AC5745
AC5745 The Laplace correction was computed from DEFLEC99 derived deflections.
AC5745

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AC5745.The ellipsoidal height was determined by GPS observations
 AC5745.and is referenced to NAD 83.

AC5745

AC5745.The geoid height was determined by GECID03.

AC5745

AC5745;	North	East	Units	Scale Factor	Converg.
AC5745;SPC KY1Z	- 1,039,694.638	1,265,143.952	MT	1.00012772	-1 36 46.1
AC5745;SPC KY1Z	- 3,411,064.82	4,150,726.45	SFT	1.00012772	-1 36 46.1
AC5745;SPC KY S	- 539,648.789	265,169.932	XT	1.00001388	-1 35 35.2
AC5745;SPC KY S	- 1,770,497.74	869,978.35	SFT	1.00001388	-1 35 35.2
AC5745;UTM 16	- 4,058,717.344	376,945.047	MT	0.99978656	-0 19 20.0

AC5745

AC5745!	Elev Factor	x	Scale Factor	=	Combined Factor
AC5745!SPC KY1Z	- 0.99997721	x	1.00012772	-	1.00010493
AC5745!SPC KY S	- 0.99997721	x	1.00001388	=	0.99999109
AC5745!UTM 16	- 0.99997721	x	0.99978656	=	0.99976377

AC5745

SUPERSEDED SURVEY CONTROL

AC5745

AC5745	ELLIP H (11/03/04)	145.224 (m)	GP()	3 1	
AC5745	NAD 83(1993)-	36 39 40.29321(N)	088 22 36.79983(W)	AD()	R
AC5745	ELLIP H (01/09/97)	145.200 (m)	GP()	4 1	

AC5745

AC5745.Superseded values are not recommended for survey control.

AC5745.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AC5745.See file dsdata.txt to determine how the superseded data were derived.

AC5745

AC5745 U.S. NATIONAL GRID SPATIAL ADDRESS: 16SCF7694558171(NAD 83)

AC5745 MARKER: I = METAL ROD

AC5745 SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)

AC5745 STAMPING: CEY A

AC5745 MARK LOGO: NGS

AC5745 MAGNETIC: N = NO MAGNETIC MATERIAL.

AC5745 STABILITY: B PROBABLY HOLD POSITION/ELEVATION WELL.

AC5745 SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AC5745-SATELLITE: SATELLITE OBSERVATIONS - December 18, 2002

AC5745

AC5745	HISTORY	- Date	Condition	Report By
AC5745	HISTORY	- 1995	MONUMENTED	LOWE
AC5745	HISTORY	- 19960729	GOOD	NGS
AC5745	HISTORY	- 20021218	GOOD	WOOLPT

AC5745

STATION DESCRIPTION

AC5745

AC5745'DESCRIPTION BY LOWE ENGINEERS 1995 (LDS)

AC5745'STATION IS LOCATED ABOUT 9.0 KM (5.60 MI) NORTHWEST OF MURRAY AT KYLE

AC5745'FIELD, MURRAY CALLOWAY AIRPORT. AIRPORT MANAGER JOHNNY W.PARKER

AC5745'TELEPHONE NUMBER 502-489-2414. TO REACH STATION FROM THE JUNCTION OF

AC5745'STATE HIGHWAY 121 ON THE NORTH SIDE OF MURRAY, GO NORTHWEST ON STATE

AC5745'HIGHWAY 121 FOR 4.2 KM (2.60 MI) TO JUNCTION OF STATE HIGHWAY 783 ON

AC5745'THE RIGHT. TURN RIGHT AND GO NORTH ON STATE HIGHWAY 783 FOR 3.9 KM

AC5745'(2.40 MI) TO THE JUNCTION OF THE AIRPORT ENTRANCE ON THE LEFT. TURN

AC5745'LEFT AND GO WEST ON ENTRANCE ROAD 0.89 KM (0.55 MI) TO AIRPORT OFFICE

AC5745'AND GATE TO THE RIGHT. PASS THROUGH GATE AND GO NORTHWEST ACROSS

AC5745'APRON TO THE RAMP AND JUNCTION OF A TAXIWAY, TURN LEFT AND GO

AC5745'SOUTHWEST 0.6 KM (0.35 MI) TO STATION ON THE RIGHT IN THE GRASS

AC5745'BETWEEN THE TAXIWAY AND RUNWAY. THE STATION IS THE TOP CENTER OF A

AC5745'STAINLESS STEEL ROD DRIVEN TO REFUSAL TO DEPTH OF 13.4 M (44.0 FT) IN

AC5745'A 2.5 CM GREASE FILLED FLUTED PLASTIC SLEEVE 90 CM LONG ENCASED IN A

AC5745'16 CM PVC PIPE WITH AN NGS LOGO CAP SURROUNDED BY CONCRETE. THE LOGO

AC5745'CAP AND CONCRETE ARE SET FLUSH WITH THE GROUND. THE STATION IS 49.4 M

AC5745'(162.1 FT) NORTHEAST FROM THE CENTERLINE OF RAMP AT HOLD LINE. 46.9 M

AC5745'(153.9 FT) SOUTHEAST FROM THE CENTERLINE OF THE RUNWAY. 40.2 M (131.9

AC5745

AC5745'77) NORTHWEST FROM CENTERLINE OF TAXIWAY. 32.6 M (107.0 FT) EAST-
AC5745'SOUTHEAST FROM FIRST RUNWAY LIGHT. THIS STATION IS A PRIMARY AIRPORT
AC5745'CONTROL STATION.

AC5745

AC5745

AC5745

STATION RECOVERY (1996)

AC5745'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1996 (AJL)

AC5745'RECOVERED AS DESCRIBED. STATION IS LOCATED ABOUT 9.0 KM (5.60 MI)

AC5745'NORTHWEST OF MURRAY AT KYLE FIELD, MURRAY CALLOWAY AIRPORT. AIRPORT

AC5745'MANAGER JOHNNY W. PARKER TELEPHONE NUMBER 502-489-2414. THIS STATION IS

AC5745'A PRIMARY AIRPORT CONTROL STATION.

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AC5745

STATION RECOVERY (2002)

AC5745'RECOVERY NOTE BY WOOLPERT CONSULTANTS 2002 (CSM)

AC5745'STATION RECOVERED AS DESCRIBED WITH THESE CHANGES...

AC5745'

AC5745'PHONE AREA CODE IS NOW 270. STATE HIGHWAY 783 IS NOW SR 73. ENTRANCE

AC5745'ROAD NOW CALLED AIRPORT ROAD. STATION IS 166 FT SE FROM CENTERLINE OF

AC5745'RUNWAY, AND 138.3 FT ESE FROM FIRST RUNWAY LIGHT.

** retrieval complete.

Elapsed Time = 00:00:00