

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.30

1 National Geodetic Survey, Retrieval Date = JANUARY 16, 2006

AJ8256 *****

AJ8256 DESIGNATION - R 522

AJ8256 PID - AJ8256

AJ8256 STATE/COUNTY- FL/MARTIN

AJ8256 USGS QUAD - INDIAN TOWN SE (1983)

AJ8256

AJ8256 *CURRENT SURVEY CONTROL

AJ8256

AJ8256*	NAD 83(1999)-	27 03 08.09722(N)	080 19 46.12516(W)	ADJUSTED
AJ8256*	NAVD 88 -	6.653 (meters)	21.83 (feet)	ADJUSTED

AJ8256

AJ8256	X	-	954,850.744 (meters)	COMP
AJ8256	Y	-	-5,603,464.659 (meters)	COMP
AJ8256	Z	-	2,883,363.547 (meters)	COMP
AJ8256	LAPLACE CORR-	-2.17 (seconds)		DEFLEC99
AJ8256	ELLIP HEIGHT-	-20.32 (meters)	(12/12/02)	GPS OBS
AJ8256	GEOID HEIGHT-	-27.00 (meters)		GEOID03
AJ8256	DYNAMIC HT -	6.643 (meters)	21.79 (feet)	COMP
AJ8256	MODELED GRAV-	979,100.8 (mgal)		NAVD 88

AJ8256

AJ8256 HORZ ORDER - FIRST

AJ8256 VERT ORDER - FIRST CLASS II

AJ8256 ELLP ORDER - THIRD CLASS I

AJ8256

AJ8256.The horizontal coordinates were established by GPS observations

AJ8256.and adjusted by the National Geodetic Survey in December 2002.

AJ8256

AJ8256.The orthometric height was determined by differential leveling

AJ8256.and adjusted by the National Geodetic Survey in April 2002.

AJ8256

AJ8256.The X, Y, and Z were computed from the position and the ellipsoidal ht.

AJ8256

AJ8256.The Laplace correction was computed from DEFLEC99 derived deflections.

AJ8256

AJ8256.The ellipsoidal height was determined by GPS observations

AJ8256.and is referenced to NAD 83.

AJ8256

AJ8256.The geoid height was determined by GEOID03.

AJ8256

AJ8256.The dynamic height is computed by dividing the NAVD 88

AJ8256.geopotential number by the normal gravity value computed on the

AJ8256.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45

AJ8256.degrees latitude (g = 980.6199 gals.).

AJ8256

AJ8256.The modeled gravity was interpolated from observed gravity values.

AJ8256

AJ8256;		North	East	Units	Scale	Factor	Converg.
AJ8256;SPC FL E	-	301,370.158	266,518.664	MT	0.99999578	+0 18 17.9	
AJ8256;UTM 17	-	2,992,399.313	566,495.968	MT	0.99965458	+0 18 17.9	

AJ8256

AJ8256! - Elev Factor x Scale Factor = Combined Factor

AJ8256!SPC FL E - 1.00000319 x 0.99999578 = 0.99999897
AJ8256!UTM 17 - 1.00000319 x 0.99965458 = 0.99965777
AJ8256
AJ8256 SUPERSEDED SURVEY CONTROL
AJ8256
AJ8256 NAVD 88 (12/12/02) 6.65 (m) 21.8 (f) LEVELING 3
AJ8256
AJ8256.Superseded values are not recommended for survey control.
AJ8256.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AJ8256.[See file dsdata.txt](#) to determine how the superseded data were derived.
AJ8256
AJ8256_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK6649692399(NAD 83)
AJ8256_MARKER: DD = SURVEY DISK
AJ8256_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
AJ8256_STAMPING: R 522 2001 CERP
AJ8256_MARK LOGO: USE
AJ8256_PROJECTION: RECESSED 8 CENTIMETERS
AJ8256_MAGNETIC: O = OTHER; SEE DESCRIPTION
AJ8256_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AJ8256+STABILITY: SURFACE MOTION
AJ8256_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AJ8256+SATELLITE: SATELLITE OBSERVATIONS - April 24, 2002
AJ8256
AJ8256 HISTORY - Date Condition Report By
AJ8256 HISTORY - 20010904 MONUMENTED FOST
AJ8256 HISTORY - 20020424 GOOD MAPTEC
AJ8256
AJ8256 STATION DESCRIPTION
AJ8256
AJ8256'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)
AJ8256'THE MONUMENT IS LOCATED 6.05 MILES (9.74 KM) WEST OF THE I-95 AND
AJ8256'STATE ROAD 76 INTERCHANGE
AJ8256'SOUTHWEST OF STUART, FL. AND 7.85 MILES (12.63 KM) EAST OF INDIANTOWN,
AJ8256'FL., SECTION 27, TOWNSHIP 39
AJ8256'SOUTH, RANGE 40 EAST.
AJ8256'
AJ8256'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.
AJ8256'
AJ8256'TO REACH MONUMENT FROM THE INTERCHANGE OF I-95 AND STATE ROAD 76
AJ8256'SOUTHWEST OF STUART, GO
AJ8256'WEST 6.05 MILES (9.74 KM) ALONG STATE ROAD 76 TO THE MONUMENT LOCATION
AJ8256'ON THE NORTH (RIGHT) SIDE
AJ8256'OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT IS LOCATED AT THE GATE 4
AJ8256'ENTRANCE TO THE CALUSA
AJ8256'CREEK TREE FARM AND RANCH.
AJ8256'
AJ8256'THE MONUMENT IS 71.5 FEET (21.79 M) NORTH OF THE CENTERLINE OF THE
AJ8256'ROAD, 4.0 FEET (1.22 M) SOUTH OF A
AJ8256'FENCE POST, 42.5 FEET (12.95 M) NORTHWEST OF THE CENTER OF A HEADWALL,
AJ8256'10.5 FEET (3.20) WEST OF THE
AJ8256'CENTER OF A DIRT ROAD LEADING TO GATE 4 OF THE CALUSA CREEK TREE FARM
AJ8256'AND RANCH AND 11.8 FEET
AJ8256'(3.60 M) WEST OF THE CENTER OF GATE 4. NOTE A MAGNET WAS BURIED NEARBY
AJ8256'AT AN UNSPECIFIED
AJ8256'POSITION.
AJ8256'
AJ8256
AJ8256 STATION RECOVERY (2002)
AJ8256
AJ8256'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

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AJ8256'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CDP)
AJ8256'RECOVERED AS DESCRIBED.
AJ8256'
AJ8256'

*** retrieval complete.
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