

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE EAST AND NORTH BOUNDARIES

AND A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF CERTAIN SECTIONS

AND METES-AND-BOUNDS SURVEYS OF PORTIONS OF THE

ADMINISTRATIVE BOUNDARY OF THE DAVIS-MONTHAN AIR FORCE BASE,

TOWNSHIP 15 SOUTH, RANGE 14 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Blas J. Urena, Cadastral Surveyor

Under Special Instructions dated January 4, 2013, approved January 4, 2013, which provided for the surveys included under Group No. 1111, and assignment instructions dated February 25, 2013.

Survey commenced January 16, 2013

Survey completed April 23, 2013

INDEX DIAGRAM

**TOWNSHIP 15 SOUTH RANGE 14 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA**

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Metes-and-Bounds Survey of Portions of the
Administrative Boundary of the Davis-Monthan
Air Force BasePages 8-15

T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona

FEET

The following field notes describe the dependent resurvey of portions of the east and north boundaries, a portion of the subdivisional lines, the subdivision of certain sections and metes-and-bounds surveys of portions of the administrative boundary of the Davis-Monthan Air Force Base, Township 15 South, Range 14 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

Theodore F. White surveyed the East and South boundaries and Subdivisional Lines of Township 14 South, Range 14 East in 1872. Theodore F. White surveyed the Subdivisional Lines of Township 15 South, Range 14 East in 1872. Philip Contzen resurveyed the West Boundary and portions of the North Boundary and Subdivisional Lines of Township 15 South, Range 15 East in 1895.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated January 4, 2013, for Group Number 1111, Arizona.

The true meridian direction and length of all lines were determined by static and real time kinematic global positioning system observations using Trimble Navigation 5700, 5800 and R8 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from global Position System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DF7063 COT2 CITY OF TUCSON 2, DN9197 AZBR KBC LIBRARY, DM2672 PIMA PIMA COMM COLLEGE, DM7129 AZVA SYCOMORE ELEM SCH, DL7716 P014 SAHUARITA_AZ2007, DM7127 AZAM SOPORI ELEM SCH, DN6063 AZST SAN TAN PARK and DF5763 AZGB GILA COUNTY. The NAD 83 (CORS2011) (EPOCH 2010.0000), geographic position of the corner of sections 2, 3, 34 and 35, Townships 14 and 15 South, Range 14 East, is as follows:

Latitude: 32°09'46.952" N. Longitude: 110°53'31.348" W.

T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona

FEET	
	<p>The NAD 83 (CORS2011) (EPOCH 2010.0000), geographic position of the one quarter section corner of sections 7 and 12, Townships 15 South, Ranges 14 and 15 East, is as follows:</p> <p>Latitude: 32°08'28.857" N. Longitude: 110°51'28.665" W.</p> <p>The mean magnetic declination is 10° E.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a portion of the East Boundary, T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Philip Contzen, in 1895</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., monumented with an aluminum cap, 3 ins. diam., in casting, 8 ins. below surface, mkd. ADOT HIGHWAY DIV. This is accepted as the best available evidence of the orig. cor.</p> <p>N.0°05' E., bet. secs. 7 and 12, on the E. bdy. of the Tp.</p>
2597.5	<p>The cor. of secs. 1, 6, 7 and 12, monumented with a brass cap, 2 ins. diam., in pavement, 2 ins. below surface, mkd. T15S R14E 1 6 7 12 PCHD. This is accepted as the best available evidence of the orig. cor.</p> <hr/> <p>N. 0°11' E., bet. secs. 1 and 6, on the E. bdy. of the Tp.</p>
520.3	<p>Point for AP 3, sec. 1, identical with AP 4, sec. 6, T. 15 S., R. 15 E., of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, hereinafter described.</p>
521.1	<p>Intersect a gate of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears E. and W.</p>
2597.4	<p>Point for the 1/4 sec. cor. of sec. 6 only, T. 15 S., R. 15 E., at proportionate dist., there is no remaining evidence of the orig. cor., not monumented.</p>
2614.3	<p>Point for the 1/4 sec. cor. of sec. 1 only, T. 15 S., R. 14 E., at proportionate dist., there is no remaining evidence of the orig. cor., not monumented.</p>
5228.7	<p>The cor. of Tps. 14 and 15 S., Rs. 14 and 15 E., monumented with a railroad spike, in pavement, flush with the surface. This is accepted as the best available evidence of the orig. cor.</p> <p>At the corner point</p>

**Dependent Resurvey of a portion of the East Boundary,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.

	T 14 S	
R 14 E		R 15 E
S 36		S 31
S 1		S 6
T15S		
2013		

Deposit a magnet, in a white plastic case and the railroad spike at the base of the stainless steel post.

from which

a spike, 12 ins. long, flush with ground, with a brass washer, 1 1/2 diam., mkd BLM 2013, bears N. 48°31' E., 146.6 ft. dist.

an open ended iron pipe, 1 1/2 ins. diam., projecting 6 ins. above ground, bears S. 53°16' E., 50.0 ft. dist.

a spike, 12 ins. long, flush with ground, with a brass washer, 1 1/2 diam., mkd BLM 2013, bears S. 45°46' E., 93.4 ft. dist.

a spike, 12 ins. long, flush with ground, with a brass washer, 1 1/2 diam., mkd BLM 2013, bears N. 35°47' W., 115.0 ft. dist.

**Dependent Resurvey of a portion of the North Boundary,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Theodore F. White, in 1872

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. T14S R14E S34 S35 S3 S2 T15S 2013, this cor. falls in a wash, 3 ft. wide, 1.5 ft. deep.

S. 89°38' E., bet. secs. 2 and 35, on the N. bdy. of the Tp., identical with a portion of the administrative boundary of the Davis-Monthan Air Force Base.

329.9

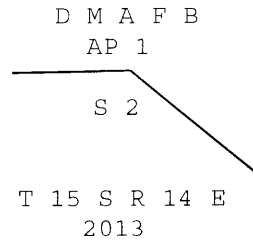
Point for AP 1, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, determined using Record of Survey Book 16, Page 37-7, on file at Pima County Recorder's Office.

**Dependent Resurvey of a portion of the North Boundary,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, underpinned with an aluminum rod, 3/4 in. diam., 36 ins. long, with brass cap mkd.



Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Raise a mound of stone, 2.5 ft. base, 1.5 ft. high, SW of cor., incorporate the old monument into the mound. The old monument, a brass cap, 2 ins. diam., in concrete, 18 ins. diam., 12 ins. long, brass cap mkd. DMAFB LS 4399, was found lying loose, NW of the cor. point.

From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears S. 57°36' E., 10.7 ft. dist., with fences extending S. 45° E. and N. 20° W.

From this same point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 8°16' W., 30.4 ft. dist., with fences extending S. 20° E. and N. 89° W.

The cor. falls in a wash, 6 ft. wide, 2 ft. deep.

**Dependent Resurvey of a portion of the Subdivisional Lines,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Theodore F. White, in 1872

From the 1/4 sec. cor. of secs. 11 and 12, monumented with a brass cap, 2 ins. diam., in concrete, 8 ins. below ground, mkd. DMAFB + LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful perpetuation of the orig. cor.

N. 0°35' W., bet. secs. 11 and 12.

**Dependent Resurvey of a portion of the Subdivisional Lines,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET							
217.9	<p>Point for AP 1, sec. 12, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, hereinafter described.</p> <p>Thence continuing on the line bet. secs. 11 and 12, identical with a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>						
2627.9	<p>The cor. of secs. 1, 2, 11 and 12, monumented with a rebar, 18 ins. long, 1/2 in. diam., 1 in. below ground, with a tag, mkd. PCDOT. This is accepted as the best available evidence of the orig. cor.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 34 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 15 S</td> <td>R 14 E</td> </tr> <tr> <td>S 2</td> <td>S 1</td> </tr> <tr> <td>S 11</td> <td>S 12</td> </tr> </table> <p style="text-align: center;">2013</p> <p>Deposit a magnet, in a white plastic case and the rebar with tag at the base of the stainless steel post.</p> <p>From this point, the S. end of the center line of runway 1230, bears N. 55°40' E., 2563.4 ft. dist.</p> <hr/> <p style="text-align: center;">Subdivision of section 12, T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., hereinbefore described.</p> <p>N. 89°57' W., on the E. and W. center line of sec. 12.</p>	T 15 S	R 14 E	S 2	S 1	S 11	S 12
T 15 S	R 14 E						
S 2	S 1						
S 11	S 12						
40.0	<p>Point for AP 3, sec. 12, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, hereinafter described.</p> <p>Thence continuing on the E. and W. center line of sec. 12, identical with a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>						
2013.2	<p>Point selected for a WP.</p> <p>Set a masonry nail, 1 1/2 ins. long, in pavement, flush, with a brass washer, 1 1/2 ins. diam., mkd. BLM 2013.</p>						

Subdivision of section 12,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona

FEET	
	The cor. falls, in the drive way for Pima Air and Space Museum, 6000 E. Valencia Road.
4943.3	Point for AP 2, sec. 12, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, hereinafter described.
	Thence continuing on the E. and W. center line of sec. 12.
5270.9	The 1/4 sec. cor. of secs. 11 and 12, hereinbefore described.
<hr/> <p>Metes-and-Bounds Survey of Portions of the Administrative Boundary of the Davis-Monthan Air Force Base, T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
<p>In the SE 1/4 of the SE 1/4 of Section 1,</p> <hr/>	
	From AP 1, sec. 1, identical with AP 4, sec. 12, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a brass cap, 2 ins. diam., in concrete, 18 ins. below ground, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.
	From this point, the cor. of secs. 1, 6, 7 and 12, bears S. 89°38' E., 40.0 ft. dist., hereinbefore described.
	From this same point, the cor. of secs. 1, 2, 11 and 12, bears N. 89°38' W., 5261.4 ft. dist., hereinbefore described.
	N. 0°11' E., along a portion of the administrative boundary of the Davis-Monthan Air Force Base.
517.9	From this point, a rebar, 1/2 in. diam., flush with the ground, without a tag, bears W., 0.1 ft. dist.
520.7	Point for AP 2, sec. 1, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

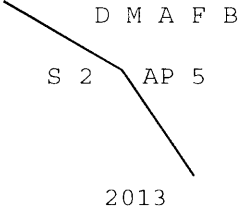
Metes-and-Bounds Survey of Portions of the
 Administrative Boundary of the Davis-Monthan Air Force Base,
 T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona

FEET	<div style="text-align: center; margin-bottom: 10px;"> T 15 S R 14 E D M A F B AP 2 ┌───┐ │ S 1 │ └───┘ 2013 </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 88°21' W., 71.1 ft. dist., with fences extending E. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 88°59' E., on a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p> <p>40.0 Point for AP 3, sec. 1, identical with AP 4, sec. 6, T. 15 S., R. 15 E., of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, on the E. bdy. of the Tp.</p> <p>Set a brass tablet, 3 1/2 ins. diam., 2 1/2 ins. stem, cemented in a drill hole, in pavement, flush, mkd.</p> <div style="text-align: center; margin-bottom: 10px;"> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">T 15 S</td> </tr> <tr> <td style="text-align: center;">R 14 E</td> <td style="text-align: center;">R 15 E</td> </tr> <tr> <td style="text-align: center;">D M</td> <td style="text-align: center;">A F B</td> </tr> <tr> <td style="text-align: center;">AP 3</td> <td style="text-align: center;">AP 4</td> </tr> <tr> <td style="text-align: center;">S 1</td> <td style="text-align: center;">S 6</td> </tr> </table> 2013 </div> <p>Deposit a magnet, without a white plastic case at the base of the brass tablet.</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="text-align: center;">In Section 2</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From AP 1, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, on the line bet. secs. 2 and 35, on the N. bdy. of the Tp., hereinbefore described.</p> <p>S. 45°27' E., along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>	T 15 S		R 14 E	R 15 E	D M	A F B	AP 3	AP 4	S 1	S 6
T 15 S											
R 14 E	R 15 E										
D M	A F B										
AP 3	AP 4										
S 1	S 6										

**Metes-and-Bounds Survey of Portions of the
Administrative Boundary of the Davis-Monthan Air Force Base,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET	
919.4	<p>AP 2, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a rebar, 1/2 in. diam., in concrete base, 18 ins. diam., flush, without a tag. This is accepted as the best available evidence of the cor. point.</p> <p>From this point, an angle point on old fence of the Davis-Monthan Air Force Base, barbed wire, 6 ft. high, bears N. 25°44' E., 4.1 ft. dist., with fences extending S. 38° E. and N. 46° W.</p> <p>From this same point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 0°22' W., 66.7 ft. dist., with fences extending S. 38° E. and N. 52° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 46°45' E., beginning new measurement, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
899.6	<p>AP 3, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a brass cap, 2 ins. diam., in concrete base, 6 ins. diam., flush with ground, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 76°31' E., 1.8 ft. dist., with fences extending N. 1° E. and S. 44° E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 43°45' E., beginning new measurement, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
947.8	<p>AP 4, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a brass cap, 2 ins. diam., in concrete base, 6 ins. diam., 8 ins. below ground, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 19°03' E., 0.6 ft. dist., with fences extending S. 33° E. and N. 44° W.</p> <hr style="width: 20%; margin: 10px auto;"/>

**Metes-and-Bounds Survey of Portions of the
Administrative Boundary of the Davis-Monthan Air Force Base,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET	
717.9	<p>S. 29°40' E., beginning new measurement, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p> <p>AP 5, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a rebar, 1/2 in. diam, 18 ins. long, with an aluminum cap, 2 ins. diam., 12 ins. below ground, mkd. RLS 31030, next to a disturbed brass cap, 2 ins diam., in concrete base, 8 ins. diam., 21 ins. long, rotated 45°, mkd. DMAFB LS 4399. Aluminum cap reestablished by Michael D. Owens, Arizona R.L.S. No. 31030, in 2009, according to Record of Survey Book 72, Page 19, on file at Pima County Recorder's Office. This is accepted as a careful and faithful reestablishment of the cor. point.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 33 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 15 S R 14 E</p>  </div> <p>Deposit a magnet, in a white plastic case and the rebar with aluminum cap at the base of the stainless steel post.</p> <p>Invert the brass cap in concrete and bury alongside stainless steel post.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, chain link, bears N. 52°14' E., 48.5 ft. dist., with fences extending S. 39° E. and N. 33° W.</p> <p>From this same point, a lead cap, 2 1/2 ins. diam., in concrete base, 10 ins. diam., 12 ins. below ground, with a nail and a tag, mkd. LS 4680, bears S. 45°27' E., 41.9 ft. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 42°18' E., beginning new measurement, continuing on a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>


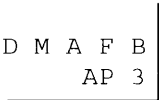
**Metes-and-Bounds Survey of Portions of the
Administrative Boundary of the Davis-Monthan Air Force Base,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET	
932.2	<p>AP 6, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a brass cap, 2 ins. diam., in concrete, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, chain link, bears N. 76°49' E., 1.4 ft. dist., with fences extending S. 47° E. and N. 39° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 47°20' E., beginning new measurement, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
935.5	<p>AP 7, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a brass cap, 2 ins. diam., in concrete, 5 ins. below ground, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, chain link, bears N. 50°23' E., 0.8 ft. dist., with fences extending S. 42° E. and N. 47° W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 42°00' E., beginning new measurement, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
791.4	<p>A rebar, 1/2 ins. diam., 1 in. above ground, with a tag, mkd. RLS 13187.</p>
936.4	<p>AP 8, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, monumented with a brass cap, 2 ins. diam., in concrete base, 1 in. below ground, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, 8 ft. high, chain link, bears N. 48°35' E., 1.1 ft. dist., with fences extending S. 46° E. and N. 42° W.</p> <hr style="width: 20%; margin: 10px auto;"/>

**Metes-and-Bounds Survey of Portions of the
Administrative Boundary of the Davis-Monthan Air Force Base,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET	
	<p>S. 45°50' E., beginning new measurement, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p> <p>NOTE.----For mapping purposes the following AP 9, sec. 2, is determined to be on the sec. line bet. secs. 1 and 2. However the 1/4 sec. cor. of secs. 1 and 2, and the cor. of secs. 1, 2, 35 and 36, on the N. bdy of the Tp. fall in or near the runway of the Davis-Monthan Air Force Base and were not recovered during this survey.</p>
918.1	<p>AP 9, sec. 2, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, on the line bet. secs. 1 and 2, monumented with a brass cap, 2 ins. diam., in concrete base, 8 ins. diam., 1 in. above ground, mkd. DMAFB LS 4399. Established by John H. Stitzer, Arizona R.L.S. No. 4399, in 1977, according to the unrecorded Survey Plat by John H. Stitzer, Job # 5453, under contract with the U. S. Air Force. This is accepted as a careful and faithful determination of the cor. point.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 1°38' E., 1.6 ft. dist., with fences extending N. 45° E., N. 87° W. and N. 46° W.</p> <p>From this same point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, bears N. 43°45' E., 65.6 ft. dist., with fences extending S. 1° E., and S. 45° W.</p> <hr/> <p>S. 0°40' W., on the line bet. sec. 1 and 2, continuing along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
30.0	<p>The cor. of secs. 1, 2, 11 and 12, hereinbefore described.</p> <hr/> <p style="text-align: center;">In the NW 1/4 and NE 1/4 of Section 12</p> <hr/> <p>From the point for AP 1, sec. 12, on the sec. line bet. secs. 11 and 12.</p> <p>Set a mag nail, 2 1/2 ins. long, in pavement, flush, with a brass washer, 1 1/2 ins. diam., mkd. BLM 2013.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, chain link, bears S. 35°04' E., 81.0 ft. dist., with fences extending E. and N.</p>

Metes-and-Bounds Survey of Portions of the
 Administrative Boundary of the Davis-Monthan Air Force Base,
 T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona

FEET	<p>The cor. falls 4.5 ft. east of the center line of Craycroft Road.</p> <p>S. 56°32' E., along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
395.5	<p>Point for AP 2, sec. 12, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, on the E. and W. center line of sec. 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 15 S R 14 E</p>  <p>S 12</p> <p>2013</p> </div> <p>Deposit a magnet, in a white plastic case at the base of the stainless steel post.</p> <p>The cor. falls, N., 10.5 ft. dist., from the fence of the Arizona Army National Guard, chain link, 8 ft. high, bears E. and W.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>From the point for AP 3, sec. 12, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, on the E. and W. center line of sec. 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 15 S R 14 E</p>  <p>S 12</p> <p>2013</p> </div> <p>Deposit a magnet, in a white plastic case at the base of the stainless steel post.</p> <p>From this point, an angle point on fence of the Davis-Monthan Air Force Base, chain link, 8 ft. high, chain link, bears N. 25°55' W., 168.4 ft. dist., with fences extending N. and W.</p>

**Metes-and-Bounds Survey of Portions of the
Administrative Boundary of the Davis-Monthan Air Force Base,
T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona**

FEET	<p>The cor. falls in SW cor. of the intersection of E. Valencia Road and S. Wilmot Road.</p> <p>N. 0°05' E., along a portion of the administrative boundary of the Davis-Monthan Air Force Base.</p>
2597.7	<p>AP 4, sec. 12, identical with AP 1, sec. 1, of the metes-and-bounds survey of a portion of the administrative boundary of the Davis-Monthan Air Force Base, on the sec. line bet. secs. 1 and 12, hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>Part of the Davis-Monthan Air Force Base is located in the southeast quadrant of the township, Davis-Monthan Air Force Base is located within the city limits, and approximately 5 miles southeast of downtown, Tucson, Arizona.</p> <p>The area surveyed and resurveyed within T. 15 S., R. 14 E., consists of nearly level terrain.</p> <p>The mean magnetic declination of 10° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2010 for the dates of survey.</p> <hr/> <p style="text-align: center;">Composite Description of the Administrative Boundary of the Davis-Monthan Air Force Base, T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">The following is for informational purposes only.</p> <hr/> <p>Beginning at the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp.</p> <p>thence S. 89°38' E., 329.9 ft. dist., bet. secs. 2 and 35, along the N. bdy. of the Tp., to Angle Point 1, sec. 2;</p> <p>thence S. 45°27' E., 919.4 ft. dist., to Angle Point 2, sec. 2;</p> <p>thence S. 46°45' E., 899.6 ft. dist., to Angle Point 3, sec. 2;</p> <p>thence S. 43°45' E., 947.8 ft. dist., to Angle Point 4, sec. 2;</p> <p>thence S. 29°40' E., 717.9 ft. dist., to Angle Point 5, sec. 2;</p> <p>thence S. 42°18' E., 932.2 ft. dist., to Angle Point 6, sec. 2;</p> <p>thence S. 47°20' E., 935.5 ft. dist., to Angle Point 7, sec. 2;</p> <p>thence S. 42°00' E., 936.4 ft. dist., to Angle Point 8, sec. 2;</p> <p>thence S. 45°50' E., 918.1 ft. dist., to Angle Point 9, sec. 2, on the sec. line bet. secs. 1 and 2;</p> <p>thence S. 0°40' W., 30.0 ft. dist., along the sec. line bet. secs. 1 and 2, to the cor. of secs. 1, 2, 11 and 12.</p>

T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona

FEET	
	<p>thence S. 0°35' E., 2410.0 ft. dist., along the sec. line bet. secs. 11 and 12, to Angle Point 1, sec. 12;</p> <p>thence S. 56°32' E., 395.5 ft. dist., to Angle Point 2, sec. 12, on the E. and W. center line of sec. 12;</p> <p>thence S. 89°57' E., 2930.1 ft. dist., along the E. and W. center line of sec. 12, to a Witness Point on said line;</p> <p>thence continuing S. 89°57' E., 1973.2 ft. dist., along the E. and W. center line of sec. 12, to Angle Point 3, sec. 12;</p> <p>thence N. 0°05' E., 2597.7 ft. dist., to Angle Point 4, sec. 12, identical with Angle Point 1, sec. 1, on the line bet. secs. 1 and 12;</p> <p>thence N. 0°11' E., 520.7 ft. dist., to Angle Point 2, sec. 1;</p> <p>thence S. 88°59' E., 40.0 ft. dist., to Angle Point 3, sec. 1, identical with Angle Point 4, sec. 6, T. 15 S., R. 15 E., on the E. bdy. of the Tp.</p> <hr/>

CERTIFICATE OF SURVEY

I, Blas J. Urena, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 4th day of January, 2013, I have dependently resurveyed portions of the east and north boundaries and a portion of the subdivisional lines, subdivided certain sections and performed metes-and-bounds surveys of portions of the administrative boundary of the Davis-Monthan Air Force Base, T. 15 S., R. 14 E., of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

8/01/2013

(Date)

Blas J. Urena

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the east and north boundaries and a portion of the subdivisional lines, the subdivision of certain sections and metes-and-bounds surveys of portions of the administrative boundary of the Davis-Monthan Air Force Base, T. 15 S., R. 14 E., Gila and Salt River Meridian, in the State of Arizona, executed by Blas J. Urena, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

8/07/2013

(Date)

Stephen K. Hansen

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 15 S., R. 14 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~