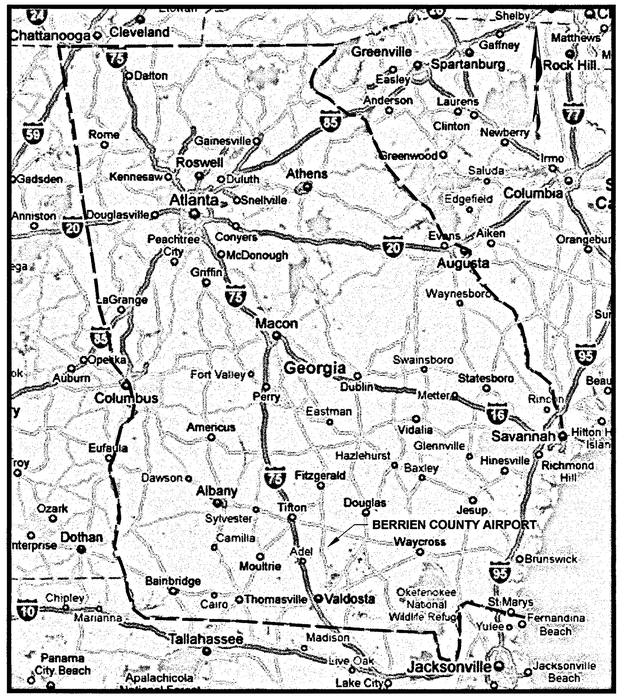
AIRPORT LAYOUT PLAN SET
BERRIEN COUNTY AIRPORT
NASHVILLE, GEORGIA



LOCATION MAP
NOT TO SCALE

INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION
1	COVER SHEET
2	AIRPORT LAYOUT PLAN DRAWING
3	AIRSPACE DRAWING
4	INNER PORTION OF THE APPROACH SURFACE DRAWING - RUNWAY 10
5	INNER PORTION OF THE APPROACH SURFACE DRAWING - RUNWAY 28
6	AIRPORT PROPERTY MAP

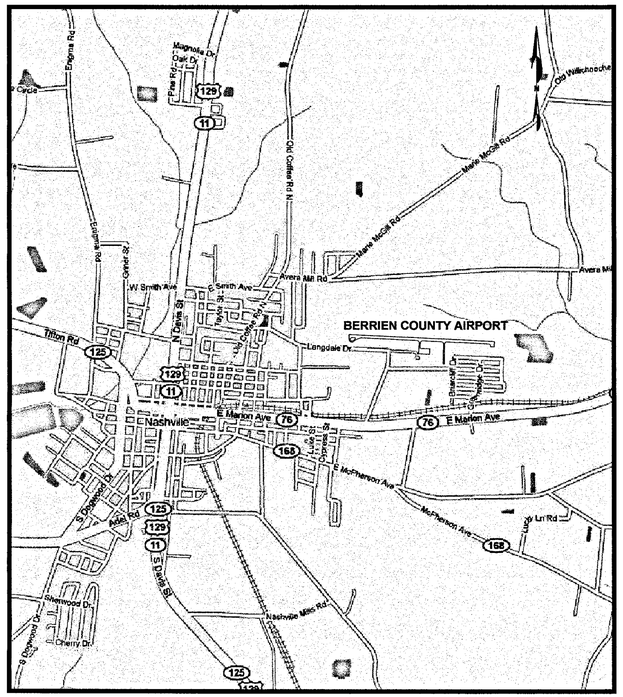
SEPTEMBER 2010

PREPARED FOR:

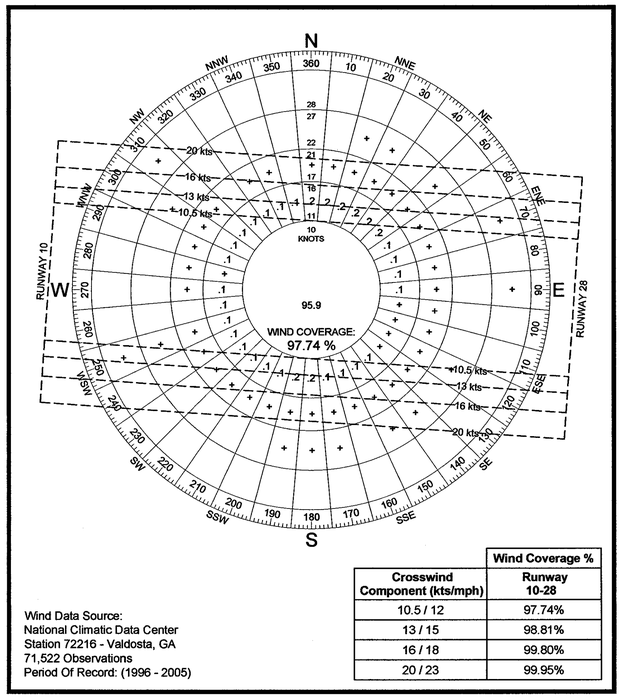
Airport Authority Commission
Clinton Ray (Chairman)

PREPARED BY:

The LPA Group Incorporated



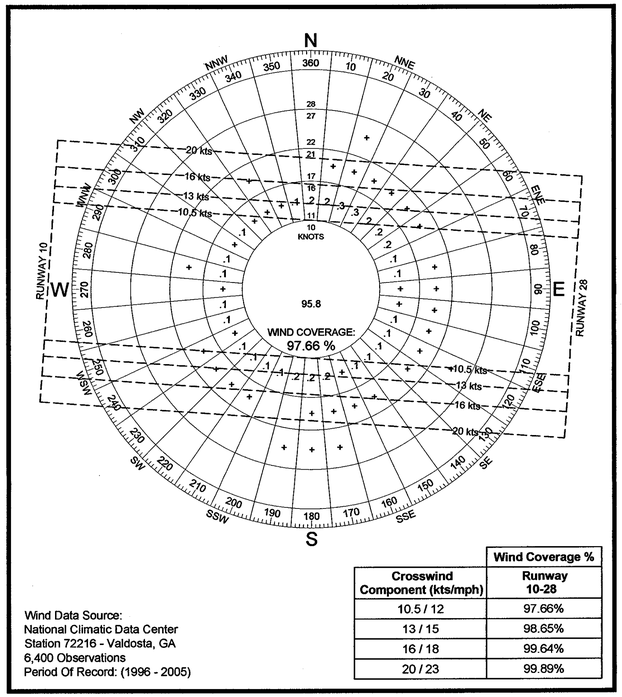
VICINITY MAP
NOT TO SCALE



Wind Data Source:
National Climatic Data Center
Station 72216 - Valdosta, GA
71,522 Observations
Period Of Record: (1996 - 2005)

Crosswind Component (kts/mph)	Wind Coverage % Runway 10-28
10.5 / 12	97.74%
13 / 15	98.81%
16 / 18	99.80%
20 / 23	99.95%

ALL WEATHER WINDROSE

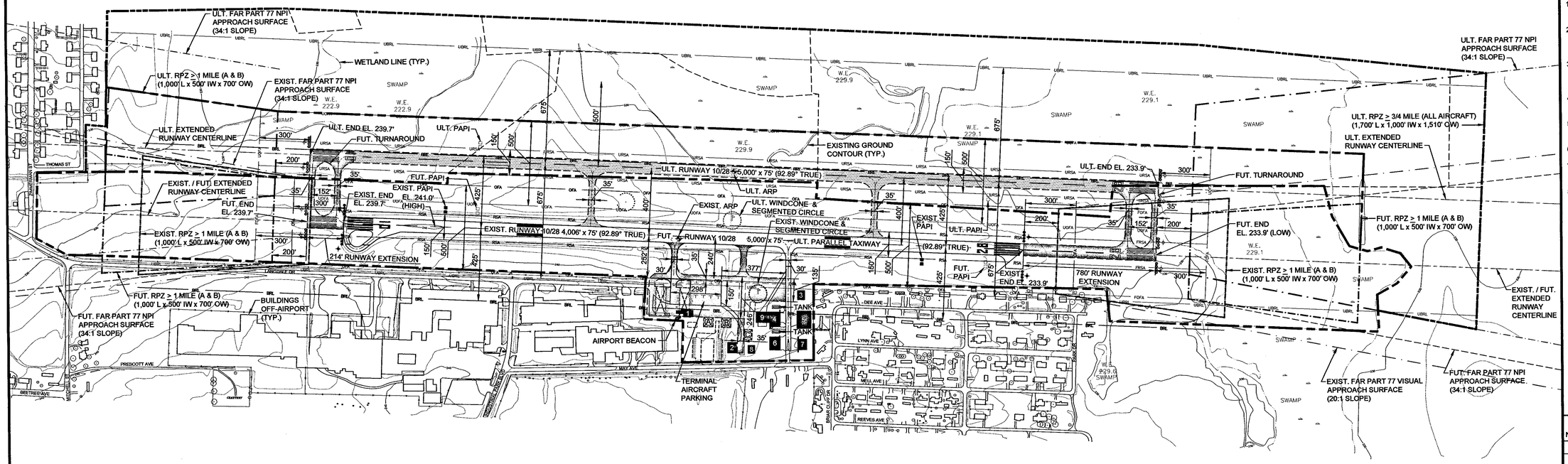


Wind Data Source:
National Climatic Data Center
Station 72216 - Valdosta, GA
6,400 Observations
Period Of Record: (1996 - 2005)

Crosswind Component (kts/mph)	Wind Coverage % Runway 10-28
10.5 / 12	97.66%
13 / 15	98.65%
16 / 18	99.64%
20 / 23	99.89%

IFR WINDROSE

C:\Users\PWissemann\Desktop\Berrien\Berrien_3-14-09\1-4-10-Cover.dwg
Nov 01, 2010 - 12:00pm by PWissemann | Plotted: Feb 07, 2011 - 8:14am



VARIATION 7° 43' W
SEPTEMBER 2010

MAGNETIC
TRUE

RATE OF CHANGE
0° 3' W/YEAR
SOURCE: NATIONAL GEOPHYSICAL DATA CENTER

300' 150' 0 300' 600'
SCALE: 1" = 300'

BERRIEN COUNTY AIRPORT
Nashville, GA

THE LPA GROUP
TRANSPORTATION CONSULTANTS

ATLANTA, GA BATON ROUGE, LA CHARLESTON, SC CHARLOTTE, NC COLUMBIA, SC GREENSBORO, NC GULFPORT, MS JACKSONVILLE, FL KNOXVILLE, TN LITTLE ROCK, AR MOBILE, AL ORLANDO, FL RALEIGH, NC RICHMOND, VA SARASOTA, FL TALLAHASSEE, FL TAMPA, FL WEST PALM BEACH, FL

Designer:	Checked by:
APN	JCD
Technician: APN	Project Number: PL277007

NOTES:

1. EXISTING (EXIST.) REPRESENTS CURRENT CONDITIONS.
2. FUTURE (FUT.) REPRESENTS CHANGES EXPECTED TO OCCUR WITHIN THE NEXT 10 YEARS.
3. ULTIMATE (ULT.) REPRESENTS CHANGES THAT ARE EXPECTED TO OCCUR BEYOND THE 10 YEAR TIMETABLE.
4. ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (AMSL).
5. DRAWING IS BASED ON NAD83 HORIZONTAL DATUM AND NAVD 88 VERTICAL DATUM.
6. NO OBSTACLE FREE ZONE (OFZ) PENETRATIONS.
7. FUT. & ULT. RUNWAY ENDS ARE SUBJECT TO CHANGE.
8. ALL EXISTING HOLDING POSITION MARKINGS FOR RUNWAY/TAXIWAY INTERSECTIONS ARE 125' FROM TAXIWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE. ALL FUT./ULT. HOLDING POSITION MARKINGS FOR RUNWAY/TAXIWAY INTERSECTIONS ARE 200' FROM RUNWAY CENTERLINE AND PERPENDICULAR TO TAXIWAY CENTERLINE.

CONSTRUCTION NOTICE REQUIREMENT

To protect operational safety and future development, all proposed construction on the airport must be coordinated by the airport owner with the FAA Airports District Office prior to construction. FAA's review takes approximately 60 days.

REVISIONS

No.	Description	Date	By

RUNWAY DATA TABLE

	RUNWAY 10-28 EXISTING		RUNWAY 10-28 FUTURE		RUNWAY 10-28 ULTIMATE	
RUNWAY LENGTH	4,006'		5,000'		5,000'	
RUNWAY WIDTH	75'		75'		75'	
AIRPORT REFERENCE CODE	B-II		B-II		B-II	
CRITICAL AIRCRAFT	CITATION II		CITATION II		CITATION II	
TRUE BEARING	92.89°		92.89°		92.89°	
EFFECTIVE GRADIENT (%)	0.1%		0.1%		0.1%	
RUNWAY LIGHTING	MIRL		MIRL		MIRL	
PAVEMENT STRENGTH:						
SINGLE WHEEL GEAR (LBS)	23,000		23,000		23,000	
DUAL WHEEL GEAR (LBS)	N/A		N/A		N/A	
DUAL TANDEM WHEEL GEAR (LBS)	N/A		N/A		N/A	
SURFACE COMPOSITION	ASPHALT		ASPHALT		ASPHALT	
PRIMARY SURFACE (FAR PART 77)	500'		500'		1,000'	
	RUNWAY 10 EXISTING	RUNWAY 28 EXISTING	RUNWAY 10 FUTURE	RUNWAY 28 FUTURE	RUNWAY 10 ULTIMATE	RUNWAY 28 ULTIMATE
FAR PART 77 APPROACH CATEGORY	NPI	VISUAL	NPI	VISUAL	NPI	NPI
FAR PART 77 APPROACH SURFACE SLOPE	34:1	20:1	34:1	20:1	34:1	34:1
PUBLISHED INSTRUMENT APPROACH	GPS	N/A	GPS	N/A	GPS	GPS
THRESHOLD SITING SURFACE REQUIREMENTS	20:1	20:1	20:1	20:1	20:1	20:1
APPROACH MINIMUMS	1 MILE	1 MILE	1 MILE	1 MILE	1 MILE	3/4 MILE
RUNWAY END COORDINATES						
LATITUDE (NAD 83)	N 31° 12' 46.418"	N 31° 12' 44.213"	N 31° 12' 46.536"	N 31° 12' 43.783"	N 31° 12' 50.434"	N 31° 12' 47.681"
LONGITUDE (NAD 83)	W 83° 13' 57.313	W 83° 13' 11.255"	W 83° 13' 59.773	W 83° 13' 2.287"	W 83° 13' 59.521"	W 83° 13' 2.034"
DISPLACED THRESHOLD COORDINATES						
LATITUDE (NAD 83)	N/A	N/A	N/A	N/A	N/A	N/A
LONGITUDE (NAD 83)	N/A	N/A	N/A	N/A	N/A	N/A
DISPLACED THRESHOLD ELEVATION	N/A	N/A	N/A	N/A	N/A	N/A
RUNWAY END ELEVATION (NAVD 88)	239.7'	233.9'	239.7'	233.9'	239.7'	233.9'
TOUCHDOWN ZONE EL. (NAVD 88)	241.0'	237.0'	241.0'	237.0'	241.0'	237.0'
RUNWAY MARKINGS	NPI	NPI	NPI	NPI	NPI	NPI
NAVAIDS	REIL / PAPI / GPS	REIL / PAPI	REIL / PAPI / GPS	REIL / PAPI	REIL / PAPI / GPS	REIL / PAPI / GPS
RUNWAY PROTECTION ZONE:						
LENGTH	1,000'	1,000'	1,000'	1,000'	1,000'	1,700'
INNER WIDTH	500'	500'	500'	500'	500'	1,000'
OUTER WIDTH	700'	700'	700'	700'	700'	1,510'
ACRES	13.8	13.8	13.8	13.8	13.8	49.0
DISPLACED THRESHOLD	N/A	N/A	N/A	N/A	N/A	N/A
RSA DIMENSIONS (RWY END)	150' x 300'	150' x 300'	150' x 300'	150' x 300'	150' x 300'	150' x 300'
ROFA DIMENSIONS (RWY END)	500' x 300'	500' x 300'	500' x 300'	500' x 300'	500' x 300'	500' x 300'
OFZ DIMENSIONS (RWY END)	400' x 200'	400' x 200'	400' x 200'	400' x 200'	400' x 200'	400' x 200'

EXISTING BUILDING DATA TABLE

BLDG. NO.	DESCRIPTION	TOP ELEV.
1	TERMINAL	251.5'
2	HANGAR	254.36'
3	HANGAR	256.38'
4	HANGAR	256.10'
5	HANGAR	262.15'
6	HANGAR	261.07'
7	HANGAR	261.31'
8	SHADE HANGAR	249.36'
9	SHADE HANGAR	249.36'

FUTURE BUILDING DATA TABLE

BLDG. NO.	DESCRIPTION	TOP ELEV.
A	TERMINAL	259.00'
B	HANGAR	259.00'
C	CORPORATE HANGAR	261.00'

NOTE:
FUTURE BUILDING ELEVATIONS ARE ESTIMATED USING HIGHEST GROUND ELEVATION IN VICINITY OF PROPOSED CONSTRUCTION. HANGAR DIMENSIONS SHOWN ARE APPROXIMATE.

LEGEND

DESCRIPTION	EXISTING	FUTURE	ULTIMATE
PROPERTY LINE			
RSA	RSA	FRSA	URSA
OFA	OFA	FOFA	UOFA
BRL	BRL	BRL	UBRL
PAVEMENT			
BUILDING			
REIL			
RUNWAY MARKINGS			
FENCE	X X X X X	XX XX XX XX	XX XX XX XX
THRESHOLD LIGHTING			

AIRPORT DATA

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT ACREAGE	111.986	295.066
SERVICE LEVEL (N.P.I.A.S.)	GENERAL AVIATION	GENERAL AVIATION
AIRPORT REFERENCE CODE (ARC)	B-II	B-II
AIRPORT ELEVATION (M.S.L.)	239.7'	239.7'
MEAN MAX. TEMP. (HOTTEST MONTH)	92.4° F (JULY)	92.4° F (JULY)
AIRPORT REFERENCE POINT LATITUDE	N 31° 12' 45.200"	N 31° 12' 49.059"
(NAD83) LONGITUDE	W 83° 13' 34.600"	W 83° 13' 30.777"
MAGNETIC DECLINATION	7° 43' W	0° 3' W/YEAR
AIRPORT IDENTIFIER	4J2	4J2
TAXIWAY WIDTH	30'	35'
TAXIWAY LIGHTING	MITL	MITL
AIRPORT NAVAIDS	BEACON, LIGHTED WINDCONE, GPS	BEACON, LIGHTED WINDCONE, GPS

CONDITIONALLY APPROVED
FAA STATE BLOCK GRANT PROGRAM
APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER
APPROVING OFFICIAL Carolyn Comer DATE 6/9/2011
INTERMODAL PROGRAMS – AVIATION
GEORGIA DEPARTMENT OF TRANSPORTATION

AIRPORT SPONSOR APPROVAL

THIS AIRPORT DRAWING IS APPROVED BY:

(SIGNATURE) _____ DATE: _____
NAME: _____
TITLE: _____

Project Name:
AIRPORT LAYOUT PLAN UPDATE

Drawing Name:
AIRPORT LAYOUT PLAN DRAWING

FAA A.I.P. Project Number:

Date: SEPTEMBER 2010
Division: PLANNING
Scale: (24X36) 1"=300'
Sheet Number:
Drawing Number: 2

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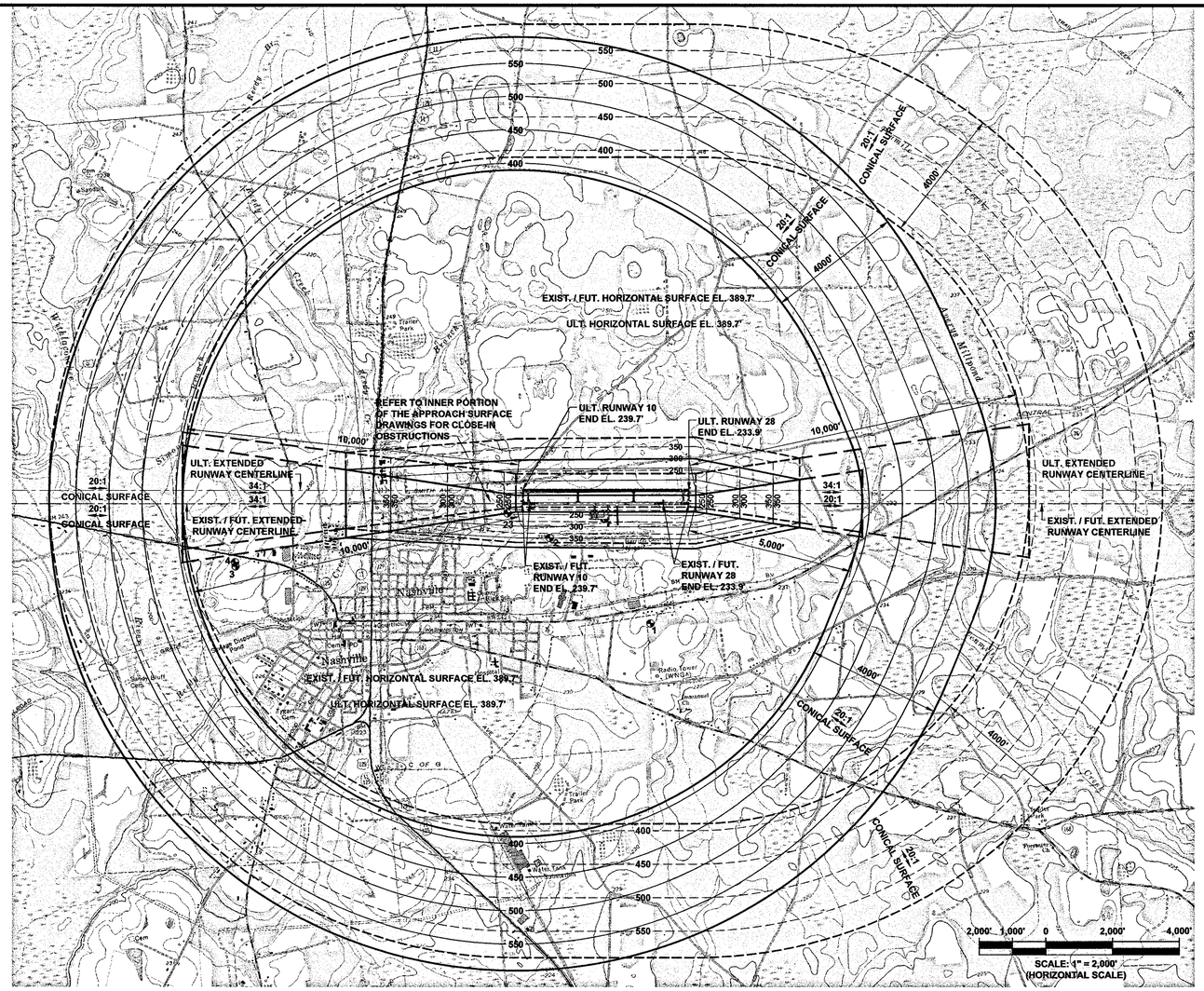
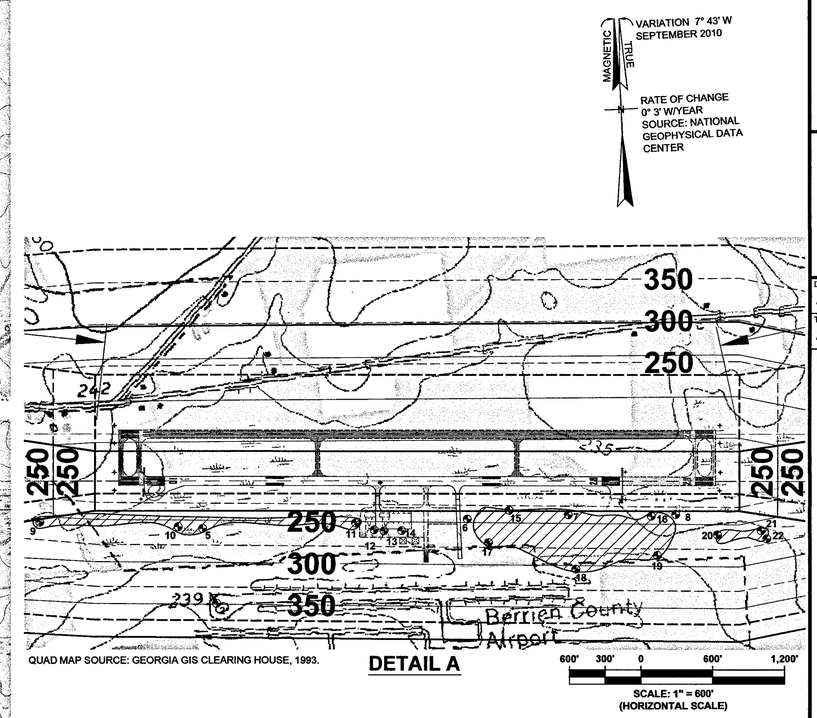


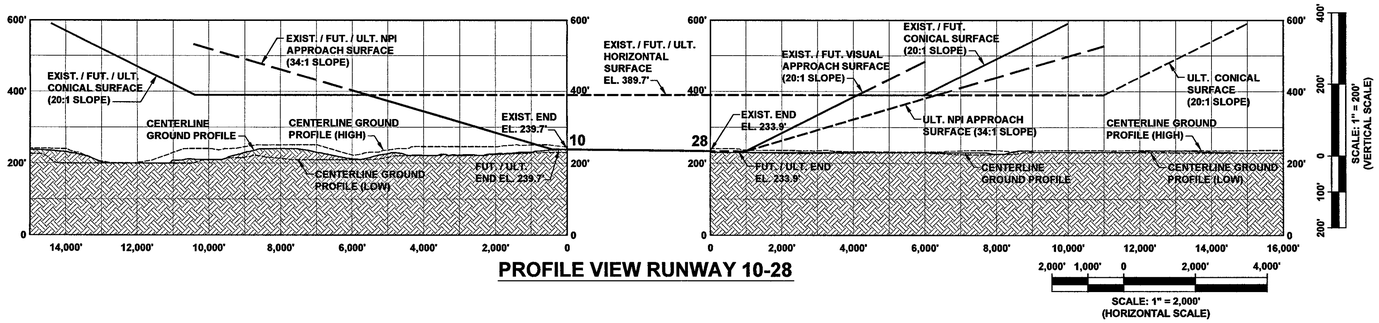
QUAD MAP SOURCE: GEORGIA GIS CLEARING HOUSE, 1993.

PLAN VIEW RUNWAY 10-28



QUAD MAP SOURCE: GEORGIA GIS CLEARING HOUSE, 1993.

DETAIL A



PROFILE VIEW RUNWAY 10-28

OBSTRUCTION TABLE - EXIST. / FUT. RUNWAY 10-28

#	TYPE	SURFACE AFFECTED	OBSTRUCTION ELEVATION	PART 77 PENETRATION	DISPOSITION
3	TOWER	HORIZONTAL	448.1'	58.4'	OBST. LIGHT
4	WATER TOWER	HORIZONTAL	389.8'	0.1'	OBST. LIGHT
5	BUILDING	TRANSITIONAL	274.6'	14.9'	OBST. LIGHT
6	BUILDING*	TRANSITIONAL	256.8'	10.9'	OBST. LIGHT
7	BUILDING*	TRANSITIONAL	249.2'	9.6'	OBST. LIGHT
8	BUILDING*	TRANSITIONAL	244.6'	6.2'	OBST. LIGHT
9	POWER POLE*	TRANSITIONAL	271.3'	24.7'	OBST. LIGHT
10	POWER POLE*	TRANSITIONAL	278.1'	20.4'	OBST. LIGHT
11	POWER POLE*	TRANSITIONAL	275.8'	24.2'	OBST. LIGHT
12	LIGHT POLE	TRANSITIONAL	265.7'	5.9'	OBST. LIGHT
13	LIGHT POLE	TRANSITIONAL	258.0'	-2.8'	NONE
14	LIGHT POLE	TRANSITIONAL	258.1'	-2.4'	NONE
15	TREE*	TRANSITIONAL	278.5'	43.5'	OBST. LIGHT
16	TREE*	TRANSITIONAL	258.1'	17.6'	OBST. LIGHT
17	TREE*	TRANSITIONAL	276.2'	2.5'	OBST. LIGHT
18	TREE*	TRANSITIONAL	311.1'	10.1'	OBST. LIGHT
19	TREE*	TRANSITIONAL	293.9'	6.8'	OBST. LIGHT
20	TREE*	TRANSITIONAL	263.7'	1.4'	OBST. LIGHT
21	TREE*	TRANSITIONAL	270.7'	8.5'	OBST. LIGHT
22	TREE*	TRANSITIONAL	291.7'	18.9'	OBST. LIGHT
23	ROAD	APPROACH	255.0'	8.1'	OBST. LIGHT

*OBSTRUCTION REPRESENTS A SAMPLE OF MULTIPLE OBSTRUCTIONS WITHIN THE HATCHED AREA
OBSTRUCTION SOURCE: PHOTO SCIENCE 10/22/08

OBSTRUCTION TABLE - ULT. RUNWAY 10-28

#	TYPE	SURFACE AFFECTED	OBSTRUCTION ELEVATION	PART 77 PENETRATION	DISPOSITION
3	TOWER	HORIZONTAL	448.1'	58.4'	OBST. LIGHT
4	WATER TOWER	HORIZONTAL	389.8'	0.1'	OBST. LIGHT
5	BUILDING	TRANSITIONAL	274.6'	-5.9'	NONE
6	BUILDING*	TRANSITIONAL	256.8'	-9.8'	NONE
7	BUILDING*	TRANSITIONAL	249.2'	-11.0'	NONE
8	BUILDING*	TRANSITIONAL	244.6'	-14.5'	NONE
9	POWER POLE*	TRANSITIONAL	271.3'	2.9'	OBST. LIGHT
10	POWER POLE*	TRANSITIONAL	278.1'	-0.2'	NONE
11	POWER POLE*	TRANSITIONAL	275.8'	3.6'	OBST. LIGHT
12	LIGHT POLE	TRANSITIONAL	265.7'	-14.5'	NONE
13	LIGHT POLE	TRANSITIONAL	258.0'	-23.3'	NONE
14	LIGHT POLE	TRANSITIONAL	258.1'	-23.0'	NONE
15	TREE*	TRANSITIONAL	278.5'	23.1'	OBST. LIGHT
16	TREE*	TRANSITIONAL	258.1'	-2.9'	NONE
17	TREE*	TRANSITIONAL	276.2'	-17.9'	NONE
18	TREE*	TRANSITIONAL	311.1'	-13.8'	NONE
19	TREE*	TRANSITIONAL	293.9'	-13.7'	NONE
20	TREE*	TRANSITIONAL	263.7'	-18.9'	NONE
21	TREE*	TRANSITIONAL	270.7'	8.5'	OBST. LIGHT
22	TREE*	TRANSITIONAL	291.7'	18.8'	OBST. LIGHT
23	ROAD	TRANSITIONAL	255.0'	-19.6'	NONE

*OBSTRUCTION REPRESENTS A SAMPLE OF MULTIPLE OBSTRUCTIONS WITHIN THE HATCHED AREA
OBSTRUCTION SOURCE: PHOTO SCIENCE 10/22/08

OBSTRUCTION DATA TABLE - EXIST. RUNWAY 10-28 (4,006' x 75') FUT. RUNWAY 10-28 (5,000' x 75')

#	CITY	TYPE	AGL	AMSL	SURFACE / PENETRATION	LIGHTING	MARKING	FAA STUDY #	ACTION REQUIRED
1	NASHVILLE	TOWER	192'	427'	HORIZONTAL / 37.3'	UNKNOWN	UNKNOWN	N/A	OBSTRUCTION LIGHT
2	NASHVILLE	TANK	160'	399'	TRANSITIONAL / 50.3'	UNKNOWN	UNKNOWN	N/A	OBSTRUCTION LIGHT

OBSTRUCTIONS SOURCE:
OBSTRUCTIONS TAKEN FROM: DIGITAL OBSTACLE FILE (DOF) DATED FEBRUARY 8, 2009.

OBSTRUCTION DATA TABLE - ULT. RUNWAY 10-28 (5,000' x 75')

#	CITY	TYPE	AGL	AMSL	SURFACE / PENETRATION	LIGHTING	MARKING	FAA STUDY #	ACTION REQUIRED
1	NASHVILLE	TOWER	192'	427'	HORIZONTAL / 37.3'	UNKNOWN	UNKNOWN	N/A	OBSTRUCTION LIGHT
2	NASHVILLE	TANK	160'	399'	TRANSITIONAL / 28.4'	UNKNOWN	UNKNOWN	N/A	OBSTRUCTION LIGHT

BERRIEN COUNTY AIRPORT
Nashville, GA

THE LPA GROUP
TRANSPORTATION CONSULTANTS

ATLANTA, GA BATON ROUGE, LA CHARLESTON, SC CHARLOTTE, NC COLUMBIA, SC GREENSBORO, NC GULFPORT, MS JACKSONVILLE, FL KNOXVILLE, TN LITTLE ROCK, AR MOBILE, AL ORLANDO, FL RALEIGH, NC RICHMOND, VA SARASOTA, FL TALLAHASSEE, FL TAMPA, FL WEST PALM BEACH, FL

Designer: APN	Checked by: JCD
Technician: APN	Project Number: PL277007

NOTES:

1. EXISTING (EXIST.) REPRESENTS CURRENT CONDITIONS.
2. FUTURE (FUT.) REPRESENTS CHANGES EXPECTED TO OCCUR WITHIN THE NEXT 10 YEARS.
3. ULTIMATE (ULT.) REPRESENTS CHANGES THAT ARE EXPECTED TO OCCUR BEYOND THE 10 YEAR TIMETABLE.
4. ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (AMSL)
5. NEGATIVE PENETRATIONS INDICATE DISTANCE BELOW FAR PART 77 SURFACE
6. THERE ARE CURRENTLY NO ZONING ORDINANCES OR DEVELOPMENTAL RESTRICTIONS IN PLACE WITHIN THE VICINITY OF THE AIRPORT

FAA CLEARANCE REQUIREMENTS NOTE

SECTION 77.23 OF FEDERAL AVIATION REGULATIONS (FAR) PART 77 SPECIFIES CLEARANCE REQUIREMENTS FOR ROADS, RAILROADS, AND WATERWAYS AS FOLLOWS:

1) SEVENTEEN FEET FOR AN INTERSTATE HIGHWAY THAT IS PART OF THE NATIONAL SYSTEM OF MILITARY AND INTERSTATE HIGHWAYS WHERE OVERCROSSINGS ARE DESIGNED FOR A MINIMUM OF 17 FEET VERTICAL DISTANCE.

2) FIFTEEN FEET FOR ANY OTHER PUBLIC ROADWAY.

3) TEN FEET OR THE HEIGHT OF THE HIGHEST MOBILE OBJECT THAT WOULD NORMALLY TRAVERSE THE ROAD, WHICHEVER IS GREATER, FOR A PRIVATE ROAD.

4) TWENTY-THREE FEET FOR A RAILROAD, AND,

5) FOR A WATERWAY OR ANY OTHER TRAVERSE WAY NOT PREVIOUSLY MENTIONED, AN AMOUNT EQUAL TO THE HEIGHT OF THE HIGHEST MOBILE OBJECT THAT WOULD NORMALLY TRAVERSE IT.

REVISIONS

No.	Description	Date	By

Project Name:
AIRPORT LAYOUT PLAN UPDATE

Drawing Name:
AIRPORT AIRSPACE DRAWING

FAA A.I.P. Project Number:

Date: SEPTEMBER 2010
Division: PLANNING
Scale: (24X36) AS SHOWN
Sheet Number:
Drawing Number: 3

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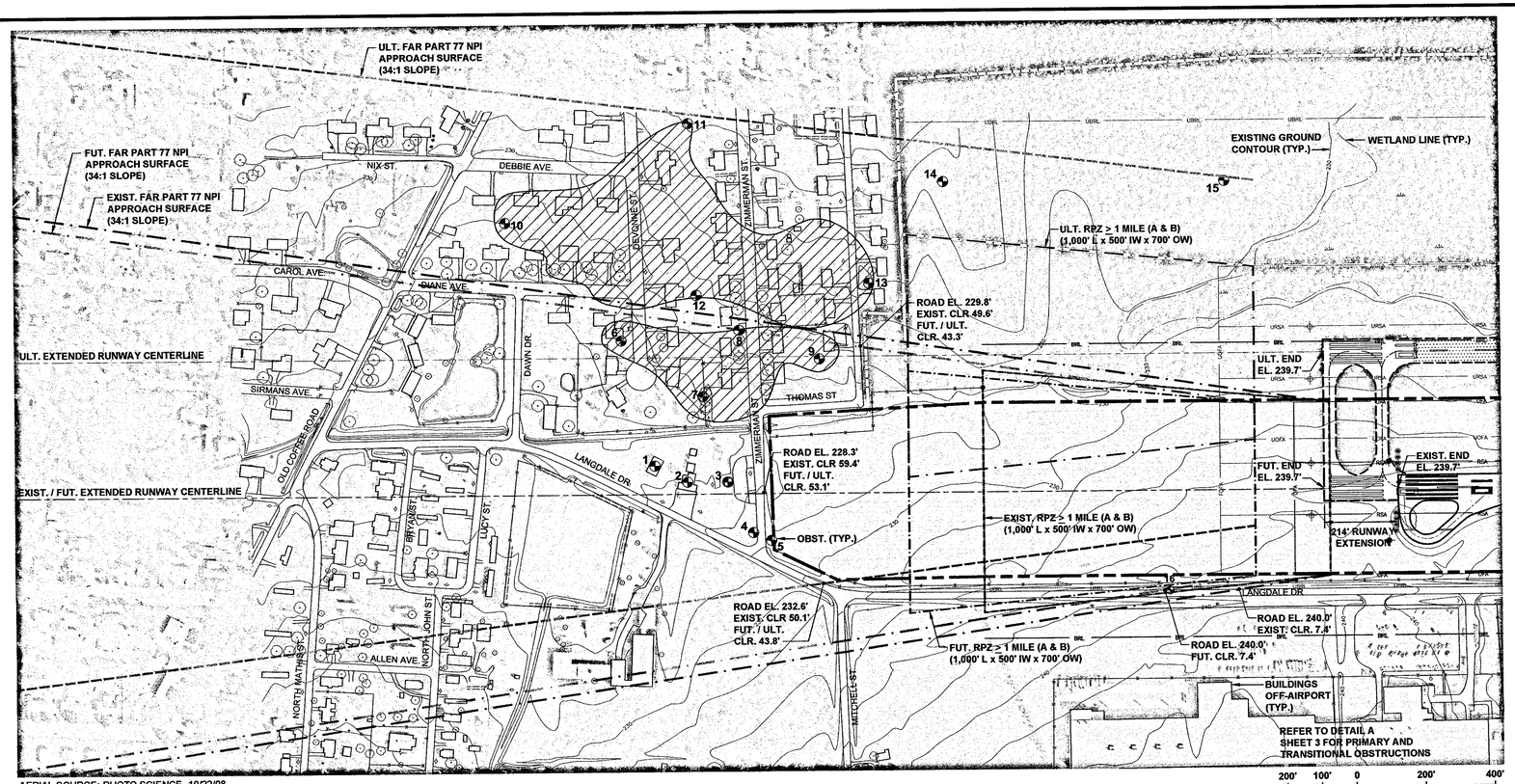
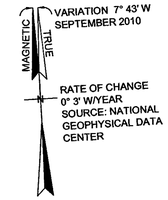


AERIAL SOURCE: PHOTO SCIENCE, 10/22/08.

PLAN VIEW RUNWAY 10



OBSTRUCTION TABLE - EXIST. / FUT. RUNWAY 10 EL. 239.7' - 34:1 NPI

#	TYPE	SURFACE AFFECTED	OBSTRUCTION ELEVATION	EXIST. PART 77 PENETRATION	FUT. PART 77 PENETRATION	DISPOSITION
1	BUILDING	APPROACH	240.0'	-57.0'	-50.7'	NONE
2	BUILDING	APPROACH	253.7'	-40.5'	-34.2'	NONE
3	BUILDING	APPROACH	239.9'	-50.9'	-44.6'	NONE
4	POWER POLE	APPROACH	258.2'	-30.4'	-24.1'	NONE
5	POWER POLE	APPROACH	251.1'	-36.0'	-29.7'	NONE
6	TREE*	APPROACH	311.8'	12.1'	18.4'	TRIM / REMOVE
7	TREE*	APPROACH	303.5'	10.7'	17.0'	TRIM / REMOVE
8	TREE*	APPROACH	297.8'	8.1'	14.4'	TRIM / REMOVE
9	TREE*	APPROACH	313.7'	30.8'	37.1'	TRIM / REMOVE
10	TREE*	TRANSITIONAL	326.9'	-12.8'	-6.5'	NONE
11	TREE*	TRANSITIONAL	330.0'	-45.5'	-39.2'	NONE
12	TREE*	TRANSITIONAL	317.6'	12.5'	18.8'	TRIM / REMOVE
13	TREE*	TRANSITIONAL	281.3'	2.7'	8.9'	TRIM / REMOVE
14	TREE	TRANSITIONAL	305.1'	-40.0'	-33.7'	NONE
15	TREE	TRANSITIONAL	301.1'	-37.1'	-30.8'	NONE
16	ROAD	APPROACH	255.0'	1.6'	8.1'	OBST. LIGHT

*OBSTRUCTION REPRESENTS A SAMPLE OF MULTIPLE OBSTRUCTIONS WITHIN THE HATCHED AREA
OBSTRUCTION SOURCE: PHOTO SCIENCE 10/22/08

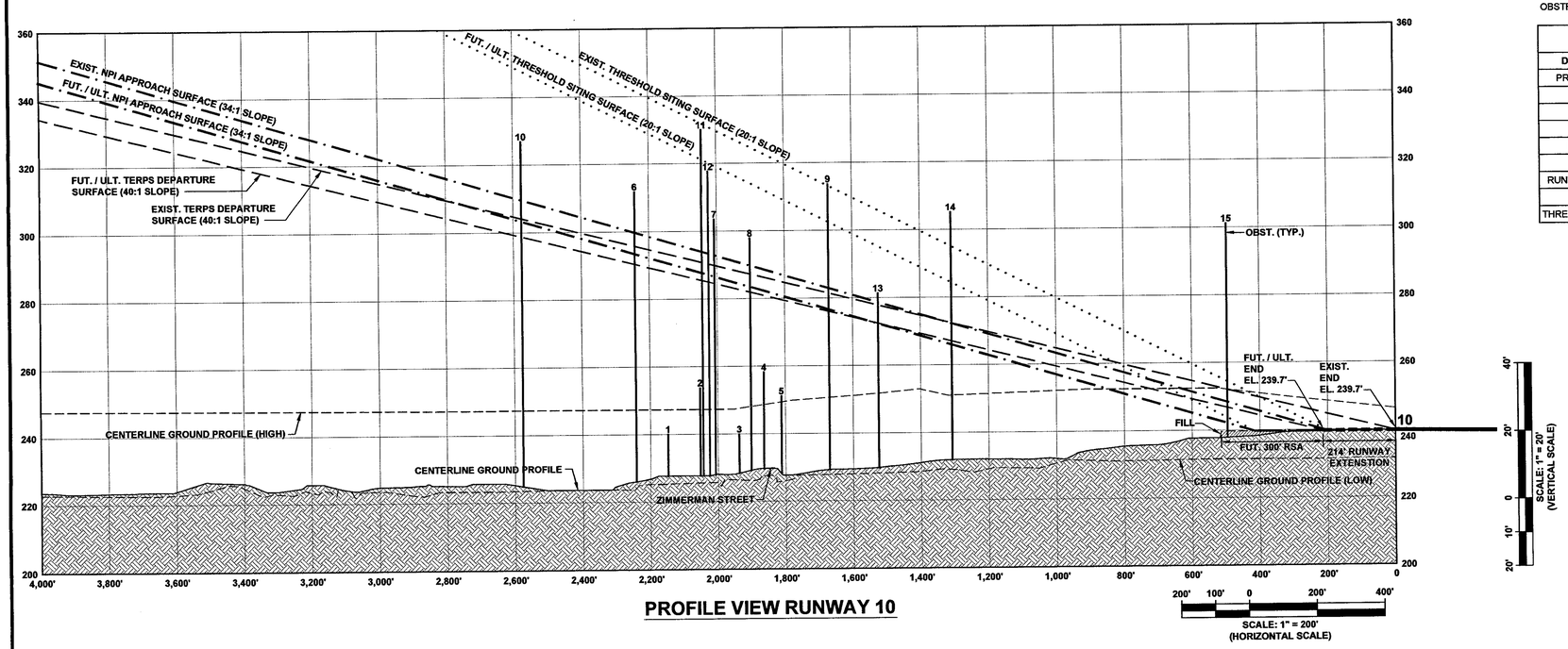
OBSTRUCTION TABLE - ULT. RUNWAY 10 EL. 239.7' - 34:1 NPI

#	TYPE	SURFACE AFFECTED	OBSTRUCTION ELEVATION	PART 77 PENETRATION	DISPOSITION
1	BUILDING	APPROACH	240.0'	-50.7'	NONE
2	BUILDING	APPROACH	253.7'	-34.2'	NONE
3	BUILDING	APPROACH	239.9'	-44.6'	NONE
4	POWER POLE	APPROACH	258.2'	-24.1'	NONE
5	POWER POLE	APPROACH	251.1'	-29.7'	NONE
6	TREE*	APPROACH	311.8'	18.4'	TRIM / REMOVE
7	TREE*	APPROACH	303.5'	17.0'	TRIM / REMOVE
8	TREE*	APPROACH	297.8'	14.4'	TRIM / REMOVE
9	TREE*	APPROACH	313.7'	37.1'	TRIM / REMOVE
10	TREE*	APPROACH	326.9'	23.6'	TRIM / REMOVE
11	TREE*	APPROACH	330.0'	42.4'	TRIM / REMOVE
12	TREE*	APPROACH	317.6'	30.5'	TRIM / REMOVE
13	TREE*	APPROACH	281.3'	9.0'	TRIM / REMOVE
14	TREE	APPROACH	305.1'	39.1'	TRIM / REMOVE
15	TREE	APPROACH	301.1'	59.0'	TRIM / REMOVE
16	ROAD	TRANSITIONAL	255.0'	-19.6'	NONE

*OBSTRUCTION REPRESENTS A SAMPLE OF MULTIPLE OBSTRUCTIONS WITHIN THE HATCHED AREA
OBSTRUCTION SOURCE: PHOTO SCIENCE 10/22/08

LEGEND

DESCRIPTION	EXISTING	FUTURE	ULTIMATE
PROPERTY LINE			
RSA	RSA	FRSA	URSA
OFA	OFA	FOFA	UOFA
BRL	BRL	BRL	UBRL
PAVEMENT			
REIL			
RUNWAY MARKINGS			
FENCE	X X X X X	XX XX XX XX	XX XX XX XX
THRESHOLD LIGHTING			



PROFILE VIEW RUNWAY 10

FAA CLEARANCE REQUIREMENTS NOTE

SECTION 77.23 OF FEDERAL AVIATION REGULATIONS (FAR) PART 77 SPECIFIES CLEARANCE REQUIREMENTS FOR ROADS, RAILROADS, AND WATERWAYS AS FOLLOWS:

1) SEVENTEEN FEET FOR AN INTERSTATE HIGHWAY THAT IS PART OF THE NATIONAL SYSTEM OF MILITARY AND INTERSTATE HIGHWAYS WHERE OVERCROSSINGS ARE DESIGNED FOR A MINIMUM OF 17 FEET VERTICAL DISTANCE.

2) FIFTEEN FEET FOR ANY OTHER PUBLIC ROADWAY.

3) TEN FEET OR THE HEIGHT OF THE HIGHEST MOBILE OBJECT THAT WOULD NORMALLY TRAVERSE THE ROAD, WHICHEVER IS GREATER, FOR A PRIVATE ROAD.

4) TWENTY-THREE FEET FOR A RAILROAD, AND,

5) FOR A WATERWAY OR ANY OTHER TRAVERSE WAY NOT PREVIOUSLY MENTIONED, AN AMOUNT EQUAL TO THE HEIGHT OF THE HIGHEST MOBILE OBJECT THAT WOULD NORMALLY TRAVERSE IT.

BERRIEN COUNTY AIRPORT
Nashville, GA

THE LPA GROUP
TRANSPORTATION CONSULTANTS

ATLANTA, GA BATON ROUGE, LA CHARLESTON, SC CHARLOTTE, NC COLUMBIA, SC GREENSBORO, NC GULFPORT, MS JACKSONVILLE, FL KNOXVILLE, TN LITTLE ROCK, AR MOBILE, AL ORLANDO, FL RALEIGH, NC RICHMOND, VA SARASOTA, FL TALLAHASSEE, FL TAMPA, FL WEST PALM BEACH, FL

Designer: APN	Checked by: JCD
Technician: APN	Project Number: PL277007

NOTES:

1. EXISTING (EXIST.) REPRESENTS CURRENT CONDITIONS.
2. FUTURE (FUT.) REPRESENTS CHANGES EXPECTED TO OCCUR WITHIN THE NEXT 10 YEARS.
3. ULTIMATE (ULT.) REPRESENTS CHANGES THAT ARE EXPECTED TO OCCUR BEYOND THE 10 YEAR TIMETABLE.
4. ALL ELEVATIONS SHOWN ARE ABOVE MEAN SEA LEVEL (AMSL).
5. DRAWING IS BASED ON NAD83 HORIZONTAL DATUM AND NAVD 88 VERTICAL DATUM.
6. OBST. = OBSTRUCTION
7. DURING THE ULT. RUNWAY CONSTRUCTION, ALL OBSTRUCTIONS WITHIN THE ULT. 1,000' PRIMARY SURFACE AND ULT. ≥ 3/4 MILE VISIBILITY RPZ FOR RUNWAY 28 WILL BE CLEARED.

REVISIONS

No.	Description	Date	By

Project Name:
AIRPORT LAYOUT PLAN UPDATE

Drawing Name:
INNER PORTION OF THE APPROACH SURFACE DRAWING RUNWAY - 10

FAA A.I.P. Project Number:

Date: SEPTEMBER 2010	Division: PLANNING
Scale: (24X36) HORIZONTAL SCALE = 1"=200' VERTICAL SCALE = 1"=20'	Sheet Number:
	Drawing Number: 4

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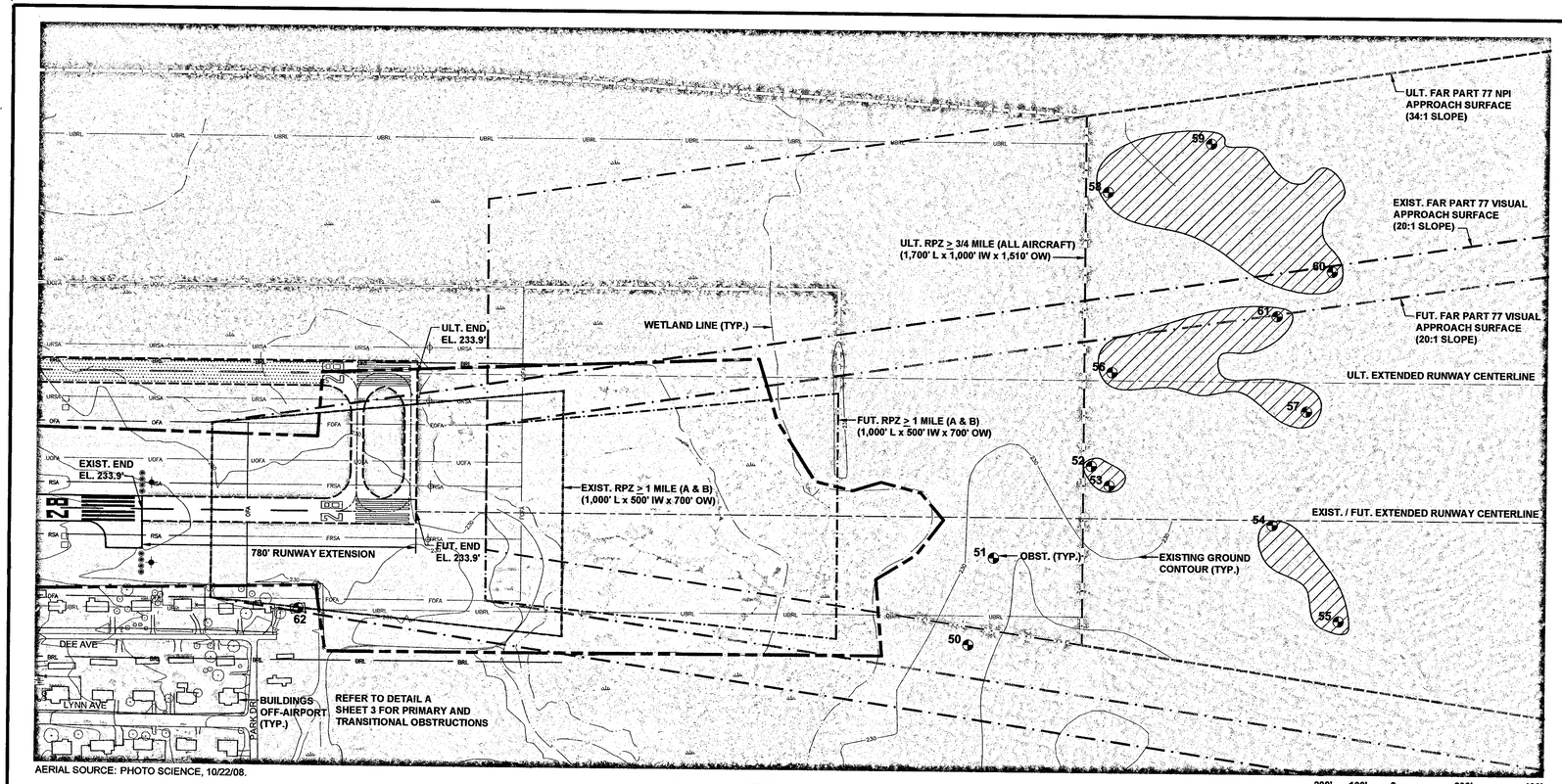
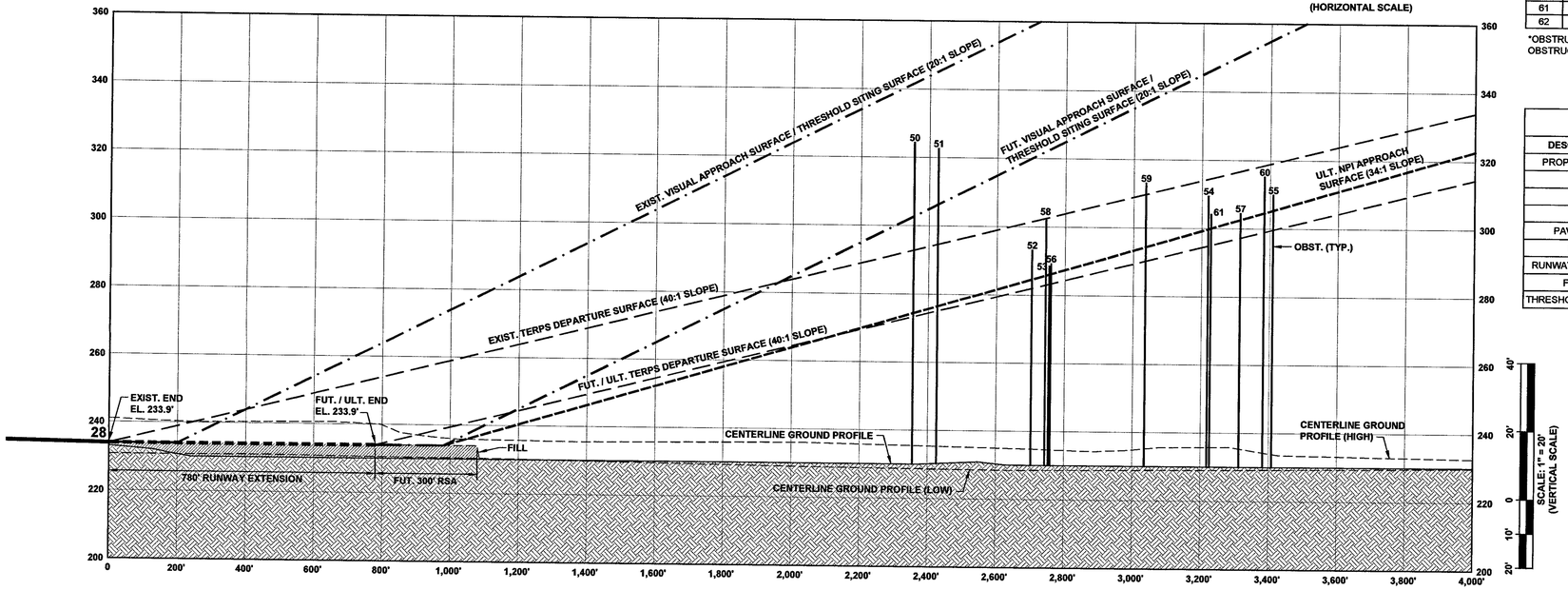


AERIAL SOURCE: PHOTO SCIENCE, 10/22/08.

PLAN VIEW RUNWAY 28

200' 100' 0 200' 400'
SCALE: 1" = 200'
(HORIZONTAL SCALE)



PROFILE VIEW RUNWAY 28

200' 100' 0 200' 400'
SCALE: 1" = 200'
(HORIZONTAL SCALE)

VARIATION 7° 43' W
SEPTEMBER 2010
MAGNETIC
TRUE
RATE OF CHANGE
0° 3' W/YEAR
SOURCE: NATIONAL GEOPHYSICAL DATA CENTER

OBSTRUCTION TABLE - EXIST / FUT. RUNWAY 28 EL. 233.9' - 34:1 NPI

#	TYPE	SURFACE AFFECTED	OBSTRUCTION ELEVATION	EXIST. PART 77 PENETRATION	FUT. PART 77 PENETRATION	DISPOSITION
50	TREE	APPROACH	324.2'	-17.5'	21.5'	TRIM / REMOVE
51	TREE	APPROACH	322.5'	-22.7'	16.4'	TRIM / REMOVE
52	TREE*	APPROACH	293.1'	-65.9'	-26.9'	NONE
53	TREE*	APPROACH	288.5'	-71.6'	-32.6'	NONE
54	TREE*	APPROACH	309.4'	-75.4'	-36.4'	NONE
55	TREE*	APPROACH	309.8'	-84.6'	-45.6'	NONE
56	TREE*	APPROACH	289.2'	-72.6'	-33.6'	NONE
57	TREE*	APPROACH	304.4'	-85.0'	-46.1'	NONE
58	TREE*	TRANSITIONAL	302.1'	-59.0'	-20.0'	NONE
59	TREE*	TRANSITIONAL	313.0'	-62.6'	-23.6'	NONE
60	TREE*	TRANSITIONAL	315.1'	-77.8'	-38.9'	NONE
61	TREE*	APPROACH	304.1'	-81.2'	-42.2'	NONE
62	BUILDING	APPROACH	244.5'	-0.7'	N/A	NONE
62	BUILDING	TRANSITIONAL	244.5'	N/A	8.8'	OBST. LIGHT

*OBSTRUCTION REPRESENTS A SAMPLE OF MULTIPLE OBSTRUCTIONS WITHIN THE HATCHED AREA
OBSTRUCTION SOURCE: PHOTO SCIENCE 10/22/08

OBSTRUCTION TABLE - ULT. RUNWAY 10 EL. 233.9' - 34:1 NPI

#	TYPE	SURFACE AFFECTED	OBSTRUCTION ELEVATION	PART 77 PENETRATION	DISPOSITION
50	TREE	TRANSITIONAL	324.2'	49.8'	TRIM / REMOVE
51	TREE	APPROACH	322.5'	46.1'	TRIM / REMOVE
52	TREE*	APPROACH	293.1'	8.6'	TRIM / REMOVE
53	TREE*	APPROACH	288.5'	2.4'	TRIM / REMOVE
54	TREE*	APPROACH	309.4'	9.7'	TRIM / REMOVE
55	TREE*	APPROACH	309.8'	4.4'	TRIM / REMOVE
56	TREE*	APPROACH	289.2'	3.0'	TRIM / REMOVE
57	TREE*	APPROACH	304.4'	1.9'	TRIM / REMOVE
58	TREE*	APPROACH	302.1'	16.3'	TRIM / REMOVE
59	TREE*	APPROACH	313.0'	18.7'	TRIM / REMOVE
60	TREE*	APPROACH	315.1'	10.6'	TRIM / REMOVE
61	TREE*	APPROACH	304.1'	4.1'	TRIM / REMOVE
62	BUILDING	TRANSITIONAL	244.5'	-11.9'	NONE

*OBSTRUCTION REPRESENTS A SAMPLE OF MULTIPLE OBSTRUCTIONS WITHIN THE HATCHED AREA
OBSTRUCTION SOURCE: PHOTO SCIENCE 10/22/08

LEGEND

DESCRIPTION	EXISTING	FUTURE	ULTIMATE
PROPERTY LINE			
RSA	RSA	FRSA	URSA
OFA	OFA	FOFA	UOFA
BRL	BRL	BRL	UBRL
PAVEMENT			
REIL			
RUNWAY MARKINGS			
FENCE	X X X X X	XX XX XX XX	XX XX XX XX
THRESHOLD LIGHTING			

FAA CLEARANCE REQUIREMENTS NOTE

SECTION 77.23 OF FEDERAL AVIATION REGULATIONS (FAR) PART 77 SPECIFIES CLEARANCE REQUIREMENTS FOR ROADS, RAILROADS, AND WATERWAYS AS FOLLOWS:

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BERRIEN COUNTY AIRPORT
Nashville, GA

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Designer: APN	Checked by: JCD
Technician: APN	Project Number: PL277007

NOTES:

1. EXISTING (EXIST.) REPRESENTS CURRENT CONDITIONS.
2. FUTURE (FUT.) REPRESENTS CHANGES EXPECTED TO OCCUR WITHIN THE NEXT 10 YEARS.
3. ULTIMATE (ULT.) REPRESENTS CHANGES THAT ARE EXPECTED TO OCCUR BEYOND THE 10 YEAR TIMETABLE.
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REVISIONS

No.	Description	Date	By

Project Name:
AIRPORT LAYOUT PLAN UPDATE

Drawing Name:
INNER PORTION OF THE APPROACH SURFACE DRAWING RUNWAY - 28

FAA A.I.P. Project Number:

Date: SEPTEMBER 2010	Division: PLANNING
Scale: (24X36) HORIZONTAL SCALE = 1"=200' VERTICAL SCALE = 1"=20'	Sheet Number:
	Drawing Number: 5

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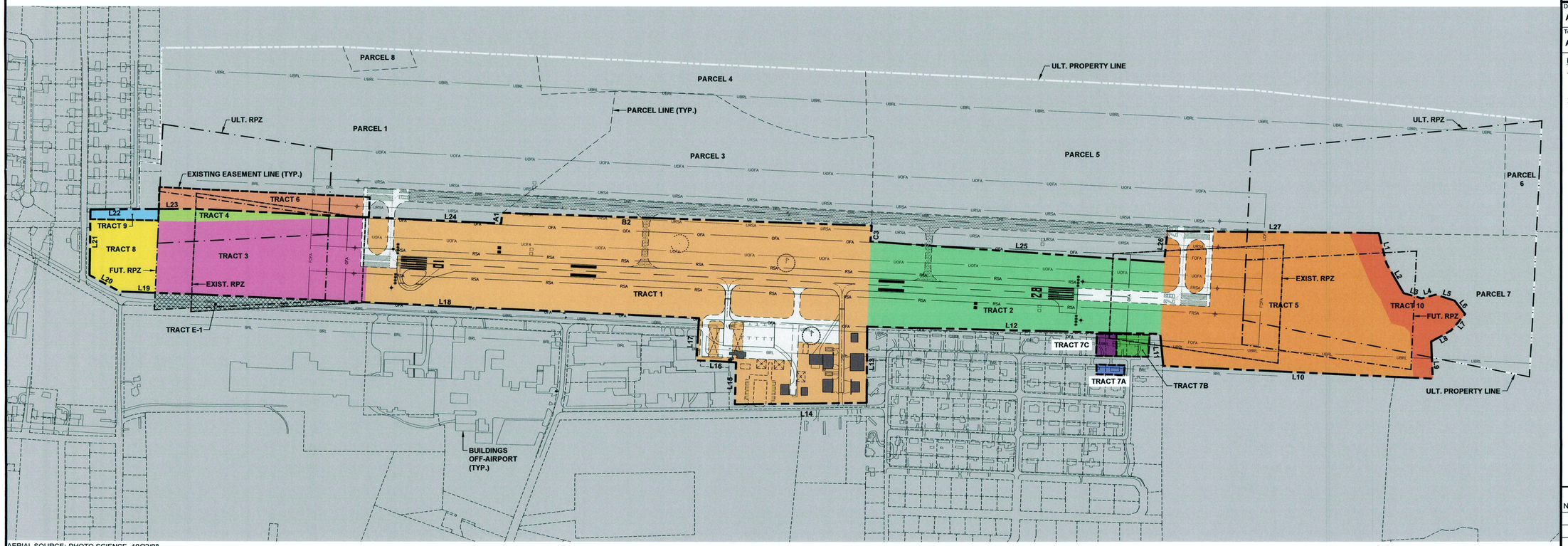

AERIAL SOURCE: PHOTO SCIENCE, 10/22/08.

VARIATION 7° 43' W
SEPTEMBER 2010

MAGNETIC
TRUE

RATE OF CHANGE
0° 3' W/YEAR
SOURCE: NATIONAL GEOPHYSICAL DATA CENTER

300' 150' 0 300' 600'
SCALE: 1" = 300'

EXISTING PROPERTY AND EASEMENTS

TRACT #	OWNER	DATE OF ACQUISITION	TYPE OF ACQUISITION	FEDERAL AID PROJECT NUMBER	PROPERTY INTEREST (FEE OR EASE)	ACREAGE
1	GREEN	02/10/66	PROPERTY	FAAP 9-09-089-C601	FEE SIMPLE	45.78
2	HANCOCK	07/28/67	PROPERTY	FAAP 9-09-089-C601	FEE SIMPLE	19.91
3	LANGDALE	01/26/66	PROPERTY	FAAP 9-09-089-C601	FEE SIMPLE	11.05
4	THOMAS	02/07/66	PROPERTY	FAAP 9-09-089-C601	FEE SIMPLE	0.84
5	GUEST	06/06/86	PROPERTY	AIP 3-13-0092-02	FEE SIMPLE	21.53
8	LANGDALE	12/17/86	PROPERTY	AIP 3-13-0092-02	FEE SIMPLE	6.184
10	ACREE	07/10/89	PROPERTY	AIP 3-13-0092-02	FEE SIMPLE	6.692
					PROPERTY TOTAL	111.986
6	ANDERSON	06/09/86	EASEMENT	AIP 9-13-0092-02	AVIGATION EASEMENT	1.71
7A	BLEVINS	06/04/86	EASEMENT	AIP 3-13-0092-02	AVIGATION EASEMENT	0.026
7B	DALES	06/04/86	EASEMENT	AIP 3-13-0092-02	AVIGATION EASEMENT	0.365
7C	WILLIAMS	06/09/86	EASEMENT	AIP 3-13-0092-02	AVIGATION EASEMENT	0.206
9	ANDERSON	04/23/87	EASEMENT	AIP 3-13-0092-02	AVIGATION EASEMENT	0.615
					EASEMENT TOTAL	2.922

LINE TABLE

COURSE	BEARING	DISTANCE
L1	S 16° 20' 07" E	181.12'
L2	S 31°37'37" E	203.90'
L3	S 75°12'27" E	109.16'
L4	N 75° 06' 48" E	88.72'
L5	S 73° 59' 27" E	111.43'
L6	S 40° 21' 17" E	102.42'
L7	S 41° 19' 23" W	129.17'
L8	S 58° 39' 38" W	129.54'
L9	S 03° 22' 07" E	218.57'
L10	N 88° 46' 21" W	1,587.46'
L11	N 05° 11' 15" E	186.72'
L12	S 89° 54' 00" W	1,726.89'
L13	S 01° 00' 45" E	446.00'
L14	S 86° 40' 09" W	782.78'

LINE TABLE

COURSE	BEARING	DISTANCE
L15	N 00° 57' 16" E	248.64'
L16	N 88° 12' 43" W	226.75'
L17	N 01° 00' 10" E	247.29'
L18	N 88° 44' 8" W	2,985.86'
L19	N 88° 44' 08" W	431.37'
L20	N 62° 10' 46" W	201.24'
L21	N 00° 44' 27" W	384.98'
L22	N 87° 56' 38" E	294.31'
L23	N 88° 07' 00" E	332.34'
L24*	S 88° 42' 41" E	1,792.10'
L25*	S 87° 26' 01" E	1,731.30'
L26	N 05° 06' 40" E	184.76'
L27	N 89° 10' 27" E	1,239.19'

* LINE SEGMENTS ADJUSTED BASED ON RECENT SURVEY. (SEE NOTE 2)

LINE TABLE

COURSE	BEARING	DISTANCE
A1	N 05° 10' 08" E	62.67'
B2	S 88° 04' 37" E	2,174.63'
C3	S 04° 58' 41" W	93.27'

FUTURE EASEMENT ACQUISITIONS

TRACT #	TYPE OF ACQUISITION	PROPERTY INTEREST (FEE OR EASE)	ACREAGE
E-1	EASEMENT	AVIGATION EASEMENT	1.70
		EASEMENT TOTAL	1.70

FUTURE PROPERTY ACQUISITIONS

PARCEL #	TYPE OF ACQUISITION	PROPERTY INTEREST (FEE OR EASE)	ACREAGE
1	PROPERTY	FEE SIMPLE	52.82
3	PROPERTY	FEE SIMPLE	26.09
4	PROPERTY	FEE SIMPLE	11.49
5	PROPERTY	FEE SIMPLE	76.42
6	PROPERTY	FEE SIMPLE	3.20
7	PROPERTY	FEE SIMPLE	11.98
8	PROPERTY	FEE SIMPLE	1.10

PROPERTY & EASEMENT TOTALS

	ACREAGE
EXISTING PROPERTY TOTAL	111.986
ULTIMATE PROPERTY TOTAL	183.08
PROPERTY TOTAL	295.066
EXISTING EASEMENT TOTAL	2.922
FUTURE EASEMENT TOTAL	1.70
EASEMENT TOTAL	4.622

LEGEND

DESCRIPTION	EXISTING	FUTURE	ULTIMATE
PROPERTY LINE			
RSA	RSA	FRSA	URSA
OFA	OFA	FOFA	UOFA
BRL	BRL	BRL	UBRL
PAVEMENT			
REIL			
RUNWAY MARKINGS			
FENCE	X X X X X	XX XX XX XX	XX XX XX XX

BERRIEN COUNTY AIRPORT
Nashville, GA

THE LPA GROUP
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Designer:	Checked by:
APN	JCD
Technician: APN	Project Number: PL277007

NOTES:

1. AIRPORT BOUNDARY SURVEYED BY LARRY EVANS, OCTOBER 6, 2001.
2. FUTURE ACQUISITION SURVEYED BY HAND LANDSURVEYING COMPANY, MAY 3, 2010.

REVISIONS

No.	Description	Date	By

Project Name:

AIRPORT LAYOUT PLAN UPDATE

Drawing Name:

AIRPORT PROPERTY MAP DRAWING

FAA A.I.P. Project Number:

Date: SEPTEMBER 2010	Division: PLANNING
Scale: (24X36) 1"=300'	Sheet Number:
	Drawing Number: 6

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