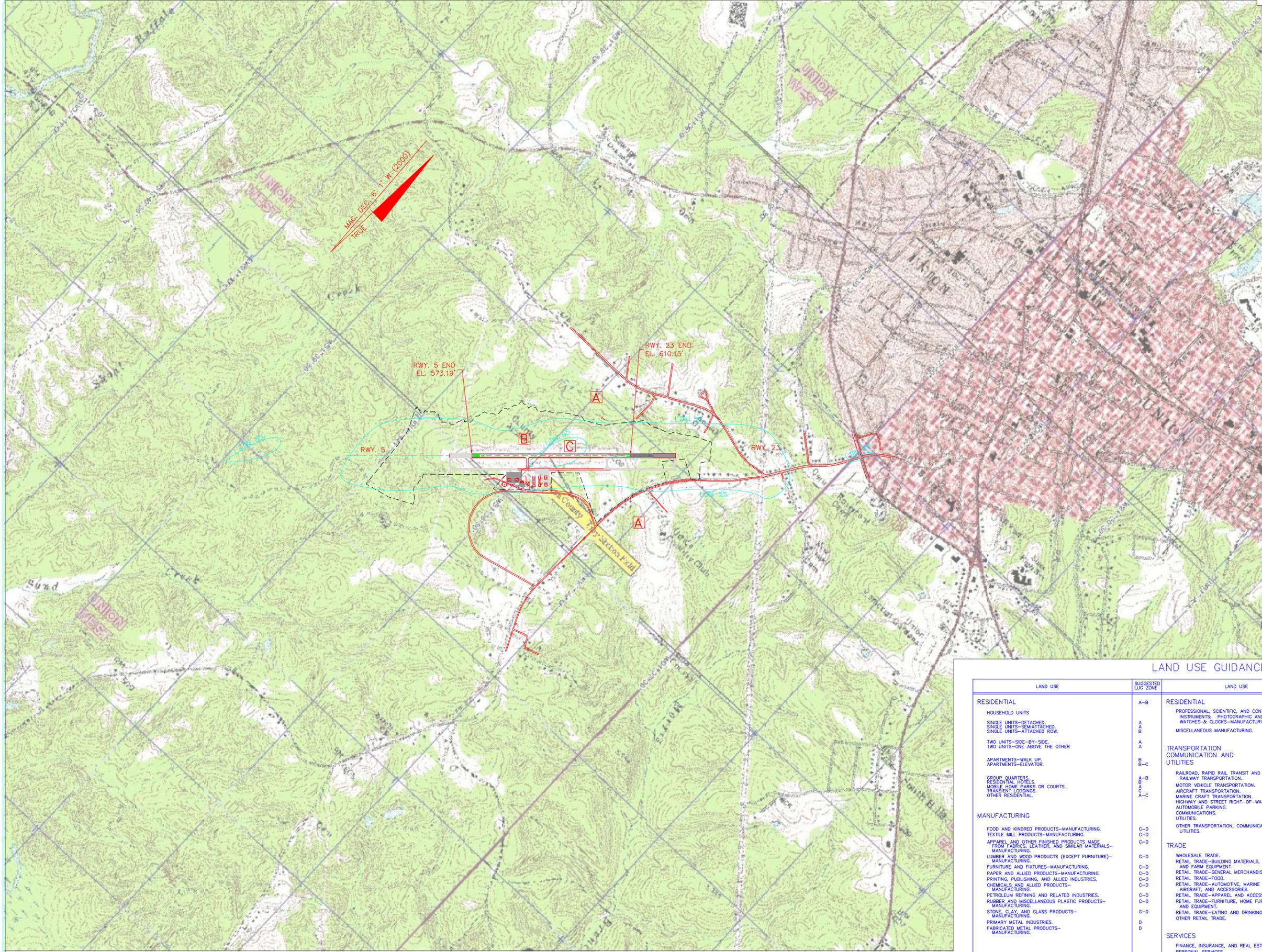
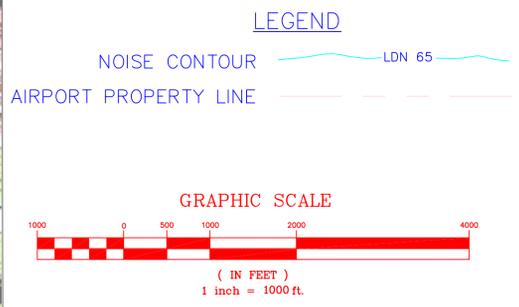


# LAND USE GUIDANCE

LUG ZONE	AVERAGE DAY NIGHT SOUND LEVEL (LDN)
D	LDN 75 or GREATER
	LAND SHOULD BE RESERVED FOR ACTIVITIES THAT CAN TOLERATE A HIGH LEVEL OF SOUND EXPOSURE SUCH AS SOME AGRICULTURAL, INDUSTRIAL, AND COMMERCIAL USES. NO RESIDENTIAL DEVELOPMENTS OF ANY TYPE ARE RECOMMENDED. SOUND SENSITIVE ACTIVITIES SUCH AS SCHOOLS, OFFICES, HOSPITALS, CHURCHES, AND LIKE ACTIVITIES SHOULD NOT BE CONSTRUCTED IN THIS AREA UNLESS NO ALTERNATIVE LOCATION IS POSSIBLE. ALL REGULARLY OCCUPIED STRUCTURES SHOULD CONSIDER SOUND CONTROL IN DESIGN.
C	LDN 65 - 75
	ACTIVITIES WHERE UNINTERRUPTED, COMMUNICATION IS ESSENTIAL SHOULD CONSIDER SOUND EXPOSURE IN DESIGN. GENERALLY, RESIDENTIAL DEVELOPMENT IS NOT CONSIDERED A SUITABLE USE. ALTHOUGH MULTI-FAMILY DEVELOPMENTS WHERE SOUND CONTROL FEATURES HAVE BEEN INCORPORATED IN BUILDING DESIGN MIGHT BE CONSIDERED. OPEN-AIR ACTIVITIES AND OUTDOOR LIVING WILL BE AFFECTED BY AIRCRAFT SOUND. THE CONSTRUCTION OF AUDITORIUMS, SCHOOLS, CHURCHES, HOSPITALS, THEATERS, AND LIKE ACTIVITIES SHOULD BE AVOIDED WITHIN THIS ZONE WHERE POSSIBLE.
B	LDN 55 - 65
	FEW ACTIVITIES WILL BE AFFECTED BY AIRCRAFT SOUNDS, ALTHOUGH BUILDING DESIGNS FOR ESPECIALLY SOUND SENSITIVE ACTIVITIES SUCH AS AUDITORIUMS, CHURCHES, SCHOOLS, HOSPITALS, AND THEATERS SHOULD CONSIDER SOUND CONTROL. IN AREAS CLOSEST TO THE AIRPORT, DETAILED STUDIES BY QUALIFIED PERSONNEL ARE RECOMMENDED FOR OUTDOOR AMPHITHEATERS AND LIKE PLACES OF PUBLIC ASSEMBLY IN THE GENERAL VICINITY OF THE AIRPORT.
A	LDN 55 and LESS
	CLEARLY ACCEPTABLE NOISE LEVEL. NO SPECIAL CONSIDERATIONS REQUIRED.

- NOTES:**
- LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC-150/5020-1, PAGES 1,2,3, AND 4 OF APPENDIX 1 AND FAR PART 150, JULY 18, 1985.
  - NOISE CONTOURS GENERATED USING FAA'S INTEGRATED NOISE MODEL, VERSION USING THE 2019 ACTIVITY LEVELS AND CRITICAL AIRCRAFT.
  - LAND USES RECOMMENDED ON THIS PLAN ARE BASED ON AIRPORT NOISE LEVELS. HEIGHT RESTRICTIONS ARE BASED ON FAR PART 77 AND ARE INCLUDED ON SHEET 3 OF 8, "AIRPORT AIRSPACE PLAN."



LAND USE GUIDANCE (LUG) CHART

LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE
<b>RESIDENTIAL</b>	A-B	<b>RESIDENTIAL</b>	B	<b>SERVICES (CONTINUED)</b>	B-C
HOUSEHOLD UNITS	A	PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS, PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES & CLOCKS-MANUFACTURING.	C	PROFESSIONAL SERVICES.	C
SINGLE UNITS-DETACHED.	B	MISCELLANEOUS MANUFACTURING.	C-D	CONTRACT CONSTRUCTION SERVICES.	B
SINGLE UNITS-SEMI-ATTACHED.	A			GOVERNMENTAL SERVICES.	A-C
SINGLE UNITS-ATTACHED ROW.	A			EDUCATIONAL SERVICES.	A-C
TWO UNITS-SIDE-BY-SIDE.	A	<b>TRANSPORTATION COMMUNICATION AND UTILITIES</b>		MISCELLANEOUS SERVICES.	
TWO UNITS-ONE ABOVE THE OTHER	A			<b>CULTURAL, ENTERTAINMENT, AND RECREATIONAL</b>	
APARTMENTS-WALK UP.	B-C	RAILROAD, RAPID RAIL TRANSIT AND STREET RAILWAY TRANSPORTATION.	D	CULTURAL ACTIVITIES AND NATURE EXHIBITIONS.	A
APARTMENTS-ELEVATOR.	B-C	MOTOR VEHICLE TRANSPORTATION.	D	PUBLIC ASSEMBLY.	A
GROUP QUARTERS.	A-B	AIRCRAFT TRANSPORTATION.	D	AMUSEMENTS.	C
RESIDENTIAL HOTELS.	B	MARINE CRAFT TRANSPORTATION.	D	RECREATIONAL ACTIVITIES.	B-C
MOBILE HOME PARKS OR COURTS.	A-C	HIGHWAY AND STREET RIGHT-OF-WAY.	D	RESORTS AND GROUP CAMPS.	A
TRANSIENT LODGINGS.	A-C	AUTOMOBILE PARKING.	D	PARKS.	A-C
OTHER RESIDENTIAL.	A-C	COMMUNICATIONS.	A-D	OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL.	A-B
		UTILITIES.	D		
<b>MANUFACTURING</b>	C-D	OTHER TRANSPORTATION, COMMUNICATION, AND UTILITIES.	A-D		
FOOD AND KINDRED PRODUCTS-MANUFACTURING.	C-D			<b>TRADE</b>	
TEXTILE MILL PRODUCTS-MANUFACTURING.	C-D			WHOLESALE TRADE.	C-D
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS, LEATHER, AND SIMILAR MATERIALS-MANUFACTURING.	C-D			RETAIL TRADE-BUILDING MATERIALS, HARDWARE, AND FARM EQUIPMENT.	C
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)-MANUFACTURING.	C-D			RETAIL TRADE-GENERAL MERCHANDISE.	C
FURNITURE AND FIXTURES-MANUFACTURING.	C-D			RETAIL TRADE-FOOD.	C
PAPER AND ALLIED PRODUCTS-MANUFACTURING.	C-D			RETAIL TRADE-AUTOMOTIVE, MARINE CRAFT, AIRCRAFT, AND ACCESSORIES.	C
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES.	C-D			RETAIL TRADE-APPAREL AND ACCESSORIES.	C
CHEMICALS AND ALLIED PRODUCTS-MANUFACTURING.	C-D			RETAIL TRADE-FURNITURE, HOME FURNISHINGS, AND EQUIPMENT.	C
PETROLEUM REFINING AND RELATED INDUSTRIES.	C-D			RETAIL TRADE-EATING AND DRINKING.	C-D
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS-MANUFACTURING.	C-D			OTHER RETAIL TRADE.	
STONE, CLAY, AND GLASS PRODUCTS-MANUFACTURING.	C-D			<b>SERVICES</b>	
PRIMARY METAL INDUSTRIES.	D			FINANCE, INSURANCE, AND REAL ESTATE SERVICES.	B
FABRICATED METAL PRODUCTS-MANUFACTURING.	D			PERSONAL SERVICES.	B
				BUSINESS SERVICES.	B
				REPAIR SERVICE.	C

REV. NO.	DESCRIPTION	DATE
1	REVISED PER FAA AIP NO. 3-45-0056-02 & 3-45-0056-03	MARCH 07

PROJECT MANAGER GAV	DRAWING SCALE 1" = 1000'
DRAWN BY FDL	PROJECT DATE 5/2000
APPROVED BY SMK	PROJECT NUMBER 97915.31
FILE NAME 97915LAND	PLOT DATE 12/2000



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Raleigh, NC  
Atlanta, GA  
Wilmington, NC

Asheville, NC  
Charlotte, NC  
Hickory, NC

RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

2007

UNION COUNTY AIRPORT  
UNION, SOUTH CAROLINA

AIRPORT LAND USE PLAN