

# 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.

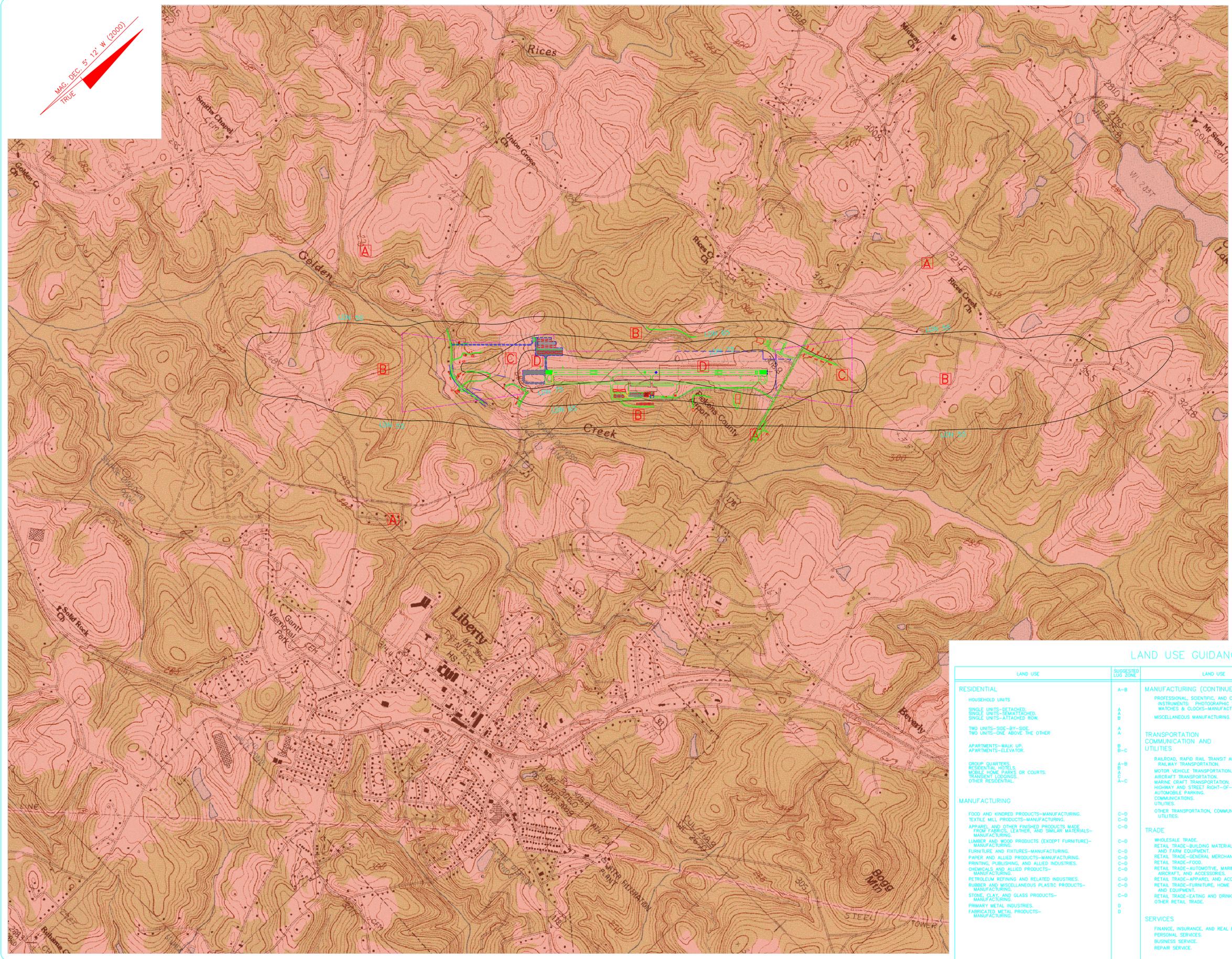
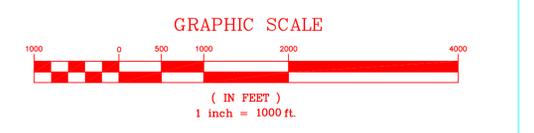
- NOTES:**
- LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC-150/5020-1, PAGES 1,2,3, AND 4 OF APPENDIX 1 AND FAR PART 150, JULY 18, 1985.
  - NOISE CONTOURS GENERATED USING FAA'S INTEGRATED NOISE MODEL, VERSION USING THE 2019 ACTIVITY LEVELS AND CRITICAL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

**LEGEND**

NOISE CONTOUR LDN 65

EXISTING PROPERTY LINE

ULTIMATE PROPERTY LINE



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

DESCRIPTION	NUMBER	NAME
SURVEYED BY		
FIELDBOOK		
CODING FILE		

REF. PATH	REF. NAME

INSERTION LAYER

REV. NO.	DESCRIPTION	DATE
3	UPDATE FOR AIP # 3-45-0047-12, 13 AND ULT. TERMINAL LOCATION	7/06
2	REVISED PER FAA COMMENTS	12/01
1	UPDATED FOR AIP # 3-45-0047-08, 09, 10	12/01

PROJECT MANAGER	DRAWING SCALE
GAV	1" = 1000'
DRAWN BY	PROJECT DATE
FDL/RBT	6-15-00
APPROVED BY	PROJECT NUMBER
GAV	90702.30
FILE NAME	PLOT DATE
90702LAND	6/28/01

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RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

2006

PICKENS COUNTY AIRPORT  
LIBERTY, SOUTH CAROLINA

20 YEAR - NOISE CONTOURS  
AIRPORT LAND USE PLAN