

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 MULTIFAMILY 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.

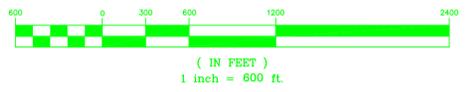
NOTES:

- 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 2020 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, "AIRPORT AIRSPACE PLAN."

LEGEND



GRAPHIC SCALE



LAND USE GUIDANCE (LUG) CHART

LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE	LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	A-B	RESIDENTIAL		SERVICES (CONTINUED)	
HOUSEHOLD UNITS	A-B	PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS, PHOTOGRAPHIC AND OPTICAL GOODS;	B	PROFESSIONAL SERVICES	B-C
SINGLE UNITS - DETACHED	A	WATCHES & CLOCKS - MANUFACTURING		CONTRACT CONSTRUCTION SERVICES	B
SINGLE UNITS - SEMI ATTACHED	B	MISCELLANEOUS MANUFACTURING	C-D	GOVERNMENTAL SERVICES	A-B
SINGLE UNITS - ATTACHED ROW	B			EDUCATIONAL SERVICES	A,B,C
TWO UNITS - SIDE BY SIDE	A			MISCELLANEOUS SERVICES	
TWO UNITS - ONE ABOVE THE OTHER	A	TRANSPORTATION COMMUNICATION AND UTILITIES		CULTURAL, ENTERTAINMENT, AND RECREATIONAL	
APARTMENTS - WALK UP	B	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	A	MARINE CRAFT TRANSPORTATION	D	RECREATIONAL ACTIVITIES	B-C
MOBILE HOME PARKS OR COURTS	A	HIGHWAY AND STREET RIGHT-OF-WAY	D	RESORTS AND GROUP CAMPS	A
TRANSIENT LODGINGS	A,B,C	AUTOMOBILE PARKING	D	PARKS	A,B,C
OTHER RESIDENTIAL	A,B,C	COMMUNICATIONS UTILITIES	A,B,C,D	OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL	A-B
MANUFACTURING		OTHER TRANSPORTATION, COMMUNICATION AND UTILITIES	A,B,C,D		
FOOD AND KINDRED PRODUCTS - MANUFACTURING	C-D	TRADE			
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	SERVICES			
PRIMARY METAL INDUSTRIES	D	FINANCE, INSURANCE, AND REAL ESTATE SERVICES	B		
FABRICATED METAL PRODUCTS - MANUFACTURING	D	PERSONAL SERVICES	B		
		BUSINESS SERVICE	B		
		REPAIR SERVICE	C		

REV. NO.	PER FAA COMMENTS	DESCRIPTION	DATE
1			2/2002

PROJECT MANAGER GAV	DRAWING SCALE 1" = 600'
DRAWN BY RBT	PROJECT DATE 9/2001
APPROVED BY JAC	PROJECT NUMBER 00293.30
FILE NAME 00293Land	PLOT DATE



501 COMMERCE DRIVE NE COLUMBIA, SC 29223 (803) 796-4261		RELEASED FOR	DATE
Asheville, NC	Hickory, NC	APPROVALS	
Atlanta, GA	Raleigh, NC	BIDDING	
Charlotte, NC	Wilmington, NC	CONSTRUCTION	
Columbia, SC		RECORD DWG.	

2002

BERKELEY COUNTY AIRPORT
MONCK'S CORNER, SOUTH CAROLINA

AIRPORT LAND USE PLAN
(20 YEAR PROJECTION)