

# LAND USE GUIDANCE

LUG ZONE	AVERAGE DAY NIGHT SOUND LEVEL (LDN)
	LDN 75 or GREATER
D	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.

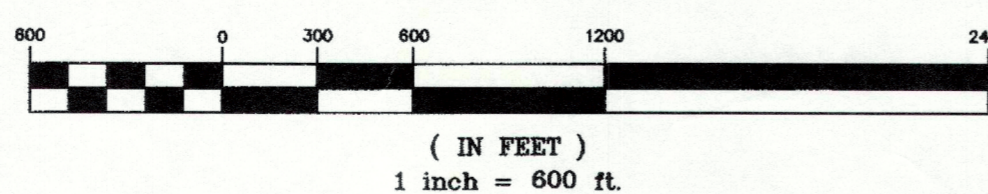
## NOTES:

1. 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.
2. NOISE CONTOURS GENERATED USING FAA'S INTEGRATED NOISE MODEL, VERSION USING THE 2020 ACTIVITY LEVELS AND CRITICAL AIRCRAFT.
3. 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

— NOISE CONTOUR — LDN 65 —  
--- AIRPORT PROPERTY LINE ---  
--- ULT. AIRPORT PROPERTY LINE ---  
--- EASEMENT LINE ---

## GRAPHIC SCALE



## LAND USE GUIDANCE (LUG) CHART

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

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

PROJECT MANAGER GAV	DRAWING SCALE 1" = 600'
DRAWN BY RBT	PROJECT DATE 9/2001
APPROVED BY JAC	PROJECT NUMBER 00293.30
FILE NAME 002933Land	PLOT DATE



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RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

BERKELEY COUNTY AIRPORT  
MONCK'S CORNER, SOUTH CAROLINA

AIRPORT LAND USE PLAN  
(20 YEAR PROJECTION)