



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, CHURCHES, HOSPITALS, 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 WILL 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.
 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."
 4. EXISTING LAND USE BASED ON SITE VERIFICATION CONDUCTED FOR ALP UPDATE.
 5. AIRPORT HEIGHT & HAZARD ORDINANCE HAS BEEN ADOPTED FOR KERSHAW COUNTY.

LEGEND

NOISE CONTOUR ——— LDN 65 ———

AIRCRAFT PROPERTY LINE ———

ULTIMATE PROPERTY LINE ———

ULTIMATE EASEMENT LINE - - - - -

EXISTING EASEMENT LINE - - - - -

CURRENT USE ———

RECOMMENDED USE SEE LUG CHART

GRAPHIC SCALE

RECOMMENDED LAND USE GUIDANCE (LUG) CHART

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

REV. NO.	DESCRIPTION	DATE
4	UPDATED FOR AP 3-45-0011-14	FEB. 2008
3	UPDATED FOR AP 3-45-0011-13	JULY 2008
2	REVISED PER FAA COMMENTS	4/13/04
1	REVISED PER FAA REVIEW OF DRAFT	12/23/03

PROJECT MANAGER GAV	DRAWING SCALE 1" = 600'
DRAWN BY RBT	PROJECT DATE OCTOBER 2002
APPROVED BY SEW	PROJECT NUMBER 20118.01.CA
FILE NAME 20018 BASE	PLOT DATE

WK DICKSON
community infrastructure consultants

1001 PINNACLE POINT DRIVE SUITE 110 COLUMBIA, SC 29223 (803) 786-4261	RELEASED FOR APPROVALS BIDDING CONSTRUCTION RECORD DWG.	DATE
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WOODWARD FIELD
KERSHAW COUNTY
CAMDEN, SOUTH CAROLINA

AIRCPORT 2021 LAND USE PLAN

D-3962