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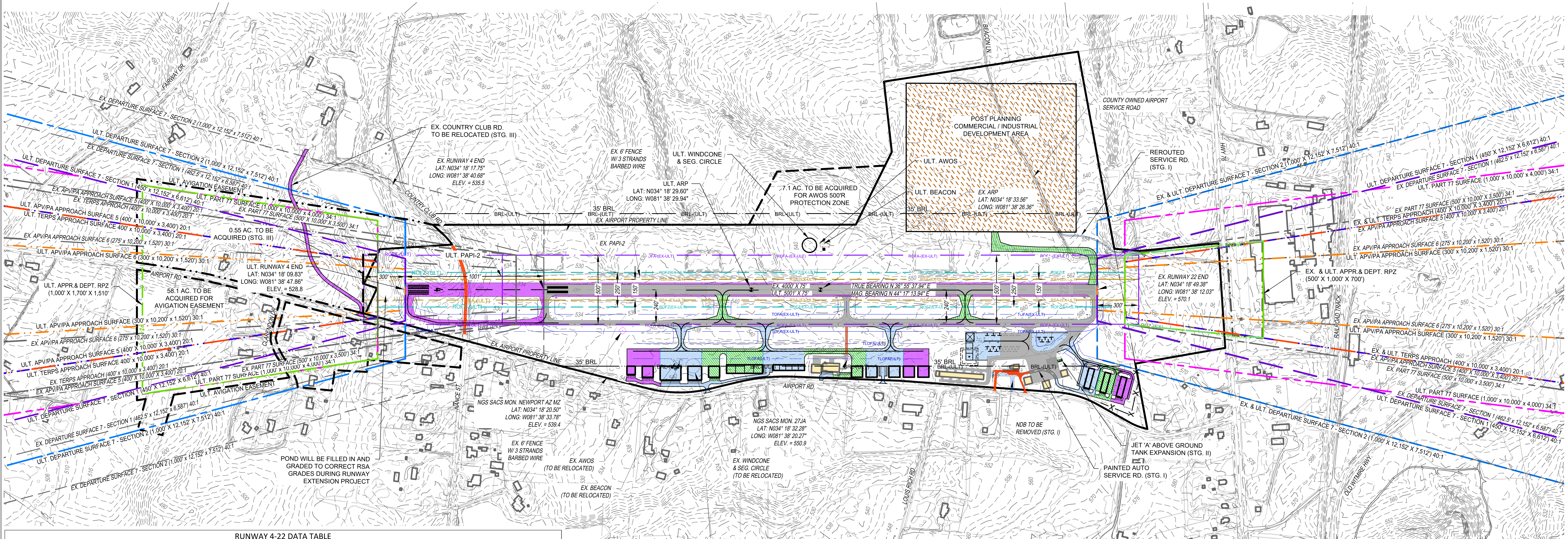


RUNWAY 4-22 DATA TABLE

	INFRASTRUCTURE GUIDANCE FOR B-I	EXISTING INFRASTRUCTURE	STAGE I	STAGE II	STAGE III
EFFECTIVE RUNWAY GRADIENT	--	0.86%	N/C	N/C	0.83%
MAXIMUM GRADE CHANGE	--	1.42%	N/C	N/C	N/C
WIND COVERAGE (IFR)	--	(13 KNOTS) 99.76%	N/C	N/C	N/C
WIND COVERAGE (ALL WEATHER)	--	(13 KNOTS) 99.47%	N/C	N/C	N/C
MAXIMUM ELEVATION (MSL)	--	570.1	N/C	N/C	N/C
RUNWAY LENGTH	--	4,000'	N/C	N/C	5,001'
RUNWAY WIDTH	60'	75'	N/C	N/C	100'
USABLE RUNWAY LENGTH	--	4000'	N/C	N/C	5,001'
DISPLACED THRESHOLD	--	NONE	N/C	N/C	N/C
PAVEMENT TYPE	--	ASPHALT	N/C	N/C	N/C
PAVEMENT STRENGTH (SINGLE WHEEL)	--	23,000 LBS. SINGLE WHEEL	N/C	N/C	N/C
PAVEMENT STRENGTH (DUAL WHEEL)	--	30,000 LBS. DUAL WHEEL	N/C	N/C	N/C
PAVEMENT CONDITION NUMBER (PCN)	--	NOT REPORTED ON AMR	14 R/A/W/T	N/C	N/C
PART 77 APPROACH CATEGORY	--	NON-PRECISION	N/C	N/C	N/C
PART 77 APPROACH SURFACE SLOPE (RWY 4)	34:1	34:1	N/C	N/C	N/C
PART 77 APPROACH SURFACE SLOPE (RWY 22)	34:1	34:1	N/C	N/C	N/C
TERPS APPROACH SURFACE SLOPE (RWY 4)	20:1	20:1	N/C	N/C	N/C
TERPS APPROACH SURFACE SLOPE (RWY 22)	20:1	20:1	N/C	N/C	N/C
APPROACH MINIMUMS (RWY 4)	--	442'- 1 mi.	N/C	N/C	250' - 3/4 MI.
APPROACH MINIMUMS (RWY 22)	--	410' - 1 mi.	300' - 1 mi.	N/C	N/C
TYPE OF AERONAUTICAL SURVEY REQUIRED	--	VERTICALLY GUIDED	N/C	N/C	N/C
RUNWAY DEPARTURE SURFACE	--	YES	N/C	N/C	N/C
VISUAL AIDS	--	PAPI-2 (4/22)	N/C	N/C	N/C
INSTRUMENT APPROACH AIDS	--	LPV RWY (4/22)	N/C	N/C	N/C
RUNWAY LIGHTING	--	MIRL	N/C	N/C	N/C
RUNWAY MARKING	--	NON-PRECISION	N/C	N/C	N/C
RUNWAY DESIGN CODE (RDC)	--	B-I-4000	B-II-4000	N/C	B-II-2400
APPROACH REFERENCE CODE (APRC)	--	B-I-4000	B-II-4000	N/C	B-II-2400
DEPARTURE REFERENCE CODE (DPRC)	--	B-I-4000	B-II-4000	N/C	B-II-2400
CRITICAL DESIGN AIRCRAFT	--	CESSNA CITATION CJI	CESSNA CITATION V/ULTRA/ENCORE	N/C	N/C
RW OBJECT FREE AREA WIDTH (ROFA)	400'	500'	N/C	N/C	N/C
RW OBJECT FREE AREA LENGTH BEYOND RUNWAY 4 (ROFA)	240'	300'	N/C	N/C	1,000'
RW OBJECT FREE AREA LENGTH BEYOND RUNWAY 22 (ROFA)	240'	300'	N/C	N/C	1,000'
RW SAFETY AREA WIDTH (RSA)	120'	150'	N/C	N/C	500'
RW SAFETY AREA LENGTH BEYOND RUNWAY 4 (RSA)	240'	300'	N/C	N/C	1,000'
RW SAFETY AREA LENGTH BEYOND RUNWAY 22 (RSA)	240'	300'	N/C	N/C	1,000'
APPROACH RW PROTECTION ZONE (RPZ) RW 4	500' X 1,000' X 700'	500' X 1,000' X 700'	N/C	N/C	1,000' X 1,700' X 1,510'
APPROACH RW PROTECTION ZONE (RPZ) RW 22	500' X 1,000' X 700'	500' X 1,000' X 700'	N/C	N/C	N/C
DEPARTURE RW PROTECTION ZONE (RPZ) RW 4	500' X 1,000' X 700'	500' X 1,000' X 700'	N/C	N/C	N/C
DEPARTURE RW PROTECTION ZONE (RPZ) RW 22	500' X 1,000' X 700'	500' X 1,000' X 700'	N/C	N/C	N/C
RW END 4 LATITUDE	--	34° 18' 17.75" N	N/C	N/C	34° 18' 09.83" N
RW END 4 LONGITUDE	--	81° 38' 40.68" W	N/C	N/C	81° 38' 47.86" W
RW END 22 LATITUDE	--	34° 18' 49.38" N	N/C	N/C	N/C
RW END 22 LONGITUDE	--	81° 38' 12.03" W	N/C	N/C	N/C
RW 4 END ELEVATION (ASL)	--	535.5	N/C	N/C	528.8
RW 22 END ELEVATION (ASL)	--	570.1	N/C	N/C	N/C
RW 4 TDZ ELEVATION (MSL)	--	547.4	N/C	N/C	540.5
RW 22 TDZ ELEVATION (MSL)	--	570.1	N/C	N/C	N/C
RW SHOULDER WIDTH (UNPAVED)	10'	20'	N/C	N/C	N/C
LINE OF SIGHT VIOLATIONS	--	N/A	N/C	N/C	N/C
RW 4 THRESHOLD SITING SURFACE (TSS)	20:1 (400' x 10,0000' x 3,400')	20:1 (400' x 10,0000' x 3,400')	N/C	N/C	N/C
RW 22 THRESHOLD SITING SURFACE (TSS)	20:1 (400' x 10,0000' x 3,400')	20:1 (400' x 10,0000' x 3,400')	N/C	N/C	N/C

FILE PATH:Z:\Projects\Newberry County\20232078000WK - EOE WA 04 ALP Update\CADD\Plan Set\Sheets\20232078000CA_C_SHT_ULT_ALP.dwgZ:\Projects\Newberry County\20232078000WK - EOE WA 04 ALP Update\CADD\Plan Set\Sheets\20232078000CA_C_SHT_ULT_ALP.dwg, FLEAPHART, 3/9/2026 3:27:05 PM

AIRPORT DATA TABLE

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	570.1'	N/C
AIRPORT REFERENCE POINT (NAD 83):		
LATITUDE	34° 18' 33.56" N	34° 18' 29.60" N
LONGITUDE	81° 38' 26.36" W	81° 38' 29.94" W
MEAN MAX. TEMP. (HOTTEST MONTH)	91.0°	N/C
AIRPORT TERMINAL AREA NAVAIDS	BEACON, PAPIs, WINDCONE	N/C
CRITICAL DESIGN AIRCRAFT	CESSNA CITATION CJI	CESSNA CITATION V/ULTRA/ENCORE
TAXIWAY DESIGN GROUP (TDG)	35' W/TDG 2A	N/C
TAXIWAY WIDTH	35'	N/C
TAXIWAY EDGE SAFETY MARGIN	7.5'	N/C
TAXIWAY/TAXILANE SAFETY AREA (TSA) WIDTH	79'	N/C
TAXIWAY OBJECT FREE AREA (TOFA)	124'	124'
TAXILANE OBJECT FREE AREA (TLOFA)	110'	110'
TAXIWAY STRENGTH	23,000 LB. SINGLE WHEEL	N/C
TAXIWAY LIGHTING	MITL	N/C
TAXIWAY MARKING	YES	N/C
DEPARTURE REFERENCE CODE (DPRC)	B-I	B-II
NPIAS NUMBER/SERVICE LEVEL	45-0066/GA (LOCAL)	N/C
STATE EQUIVALENT SERVICE ROLE	SC III	N/C
MISCELLANEOUS FACILITIES	AWOS-III, LIGHTED WINDSOCK	N/C

DECLARED DISTANCES

DESCRIPTION	EXISTING 4	EXISTING 22	ULTIMATE 4	ULTIMATE 22
TAKEOFF RUN AVAILABLE (TORA)	4,000'	4,000'	5,001'	5,001'
TAKEOFF DISTANCE AVAILABLE (TODA)	4,000'	4,000'	5,001'	5,001'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	4,000'	4,000'	5,001'	5,001'
LANDING DISTANCE AVAILABLE (LDA)	4,000'	4,000'	5,001'	5,001'

"THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."

MAG. DEC. 6° 3' (W) APRIL 2023
RATE OF CHANGE = 0° 4' W/YR.
TRUE

400 0 200 400 800
GRAPHIC SCALE: 1" = 400'

NOTES

1. ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD 88.
3. PLANIMETRICS, TOPOGRAPHY, AND OBSTRUCTION DATA COLLECTED OCTOBER 2024 BY NV5 GEOSPATIAL, INC.
4. APPROACH AND DEPARTURE SURFACES FOR FAR PART 77 AND TERPS DETERMINED BY APPROPRIATE CLASSIFICATION UTILIZING SECTION 3.6 IN AC 150/5300-13B (LATEST CHANGE).
5. MAGNETIC VARIATION CITED ON THE NORTH ARROW WAS CALCULATED ON THE NOAA WEBSITE: www.ngdc.noaa.gov/geomag/calculators/magcalc.shtml
6. NO REQUIRED MODIFICATIONS TO STANDARDS HAVE BEEN PROPOSED OR APPROVED AT EOE. ADDITIONALLY, THE RUNWAY MEETS LINE OF SIGHT REQUIREMENTS.

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY MARKING	
RSA-(EX)	RUNWAY SAFETY AREA (RSA)	RSA-(ULT)
ROFA-(EX)	RUNWAY OBJECT FREE AREA (ROFA)	ROFA-(ULT)
ROFZ-(EX)	RUNWAY OBSTACLE FREE ZONE (ROFZ)	ROFZ-(ULT)
RPZ-(EX)	RUNWAY PROTECTION ZONE (RPZ)	RPZ-(ULT)
TOFA-(EX)	TAXIWAY OBJECT FREE AREA (TOFA)	TOFA-(ULT)
N/A	BUILDING RESTRICTION LINE (BRL)	BRL
	AIRPORT PAVEMENT	STAGE
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	STAGE
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
X X X	FENCE	
	ROADS	STAGE
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	
N/A	PAVEMENT TO BE REMOVED	
N/A	POST PLANNING DEVELOPMENT	

STAGE I	STAGE II	STAGE III

CONDITIONALLY APPROVED
FEDERAL AVIATION ADMINISTRATION
APPROVAL SUBJECT TO COMMENTS IN APPROVAL LETTER
APPROVING OFFICIAL Phillip Caldwell DATE
ATLANTA AIRPORTS DISTRICT OFFICE
3/11/2026

FAA APPROVAL STAMP

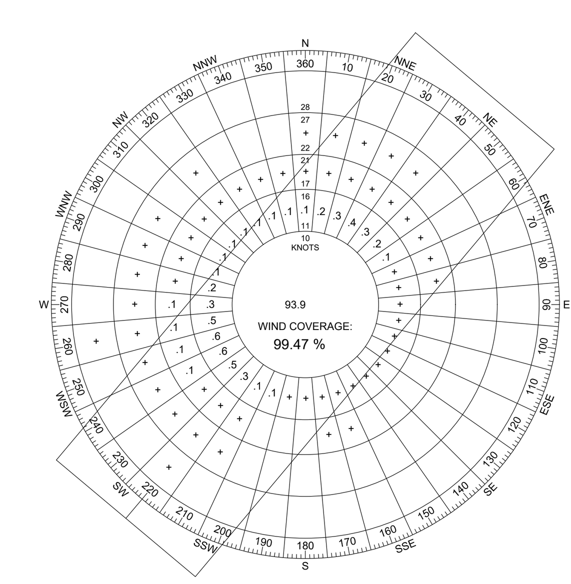
THIS SIGNATURE CERTIFIES SOUTH CAROLINA AERONAUTICS COMMISSION'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN

[signature] DATE: 03/06/2026
SOUTH CAROLINA AERONAUTICS COMMISSION

THIS SIGNATURE CERTIFIES SPONSOR'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN.

[signature] DATE: 1/27/26
JEFF SHACKER
NEWBERRY COUNTY ADMINISTRATOR

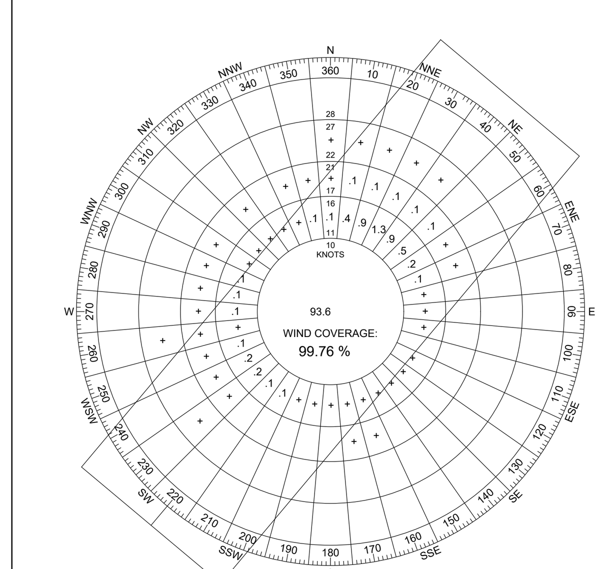
NEWBERRY COUNTY AIRPORT
ALL WEATHER WINDROSE



RUNWAY	ALL WEATHER 10.5 KTS/ 12 MPH	13 KTS/ 15 MPH	16 KTS/ 18 MPH
4 - 22	98.76	99.47	99.89
NOT COVERED	1.24	0.53	0.11

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
STATION: NEWBERRY COUNTY AIRPORT NEWBERRY, SC
PERIOD COVERED 2015-2024

NEWBERRY COUNTY AIRPORT
IFR WINDROSE



RUNWAY	IFR 10.5 KTS/ 12 MPH	13 KTS/ 15 MPH	16 KTS/ 18 MPH
4 - 22	99.45	99.76	99.95
NOT COVERED	0.55	0.24	0.05

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
STATION: NEWBERRY COUNTY AIRPORT NEWBERRY, SC
PERIOD COVERED 2015-2024

PLANNING DOCUMENT - FINAL

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SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
ARDURRA GROUP INC.
No. 6082
C.O.A.

REVISION RECORD

NO.	DATE	DESCRIPTION	BY

PROJECT NAME:
NEWBERRY COUNTY AIRPORT (EOE) AIRPORT LAYOUT PLAN
NEWBERRY, SOUTH CAROLINA

DRAWING TITLE:
ULTIMATE AIRPORT LAYOUT PLAN

PROJ. MGR.:	JJB
DESIGN BY:	FDL
DRAWN BY:	FDL
PROJ. DATE:	07-29-2025

DRAWING NUMBER:
3 OF 13

WKD PROJ. NO.:
20232078.00.CA