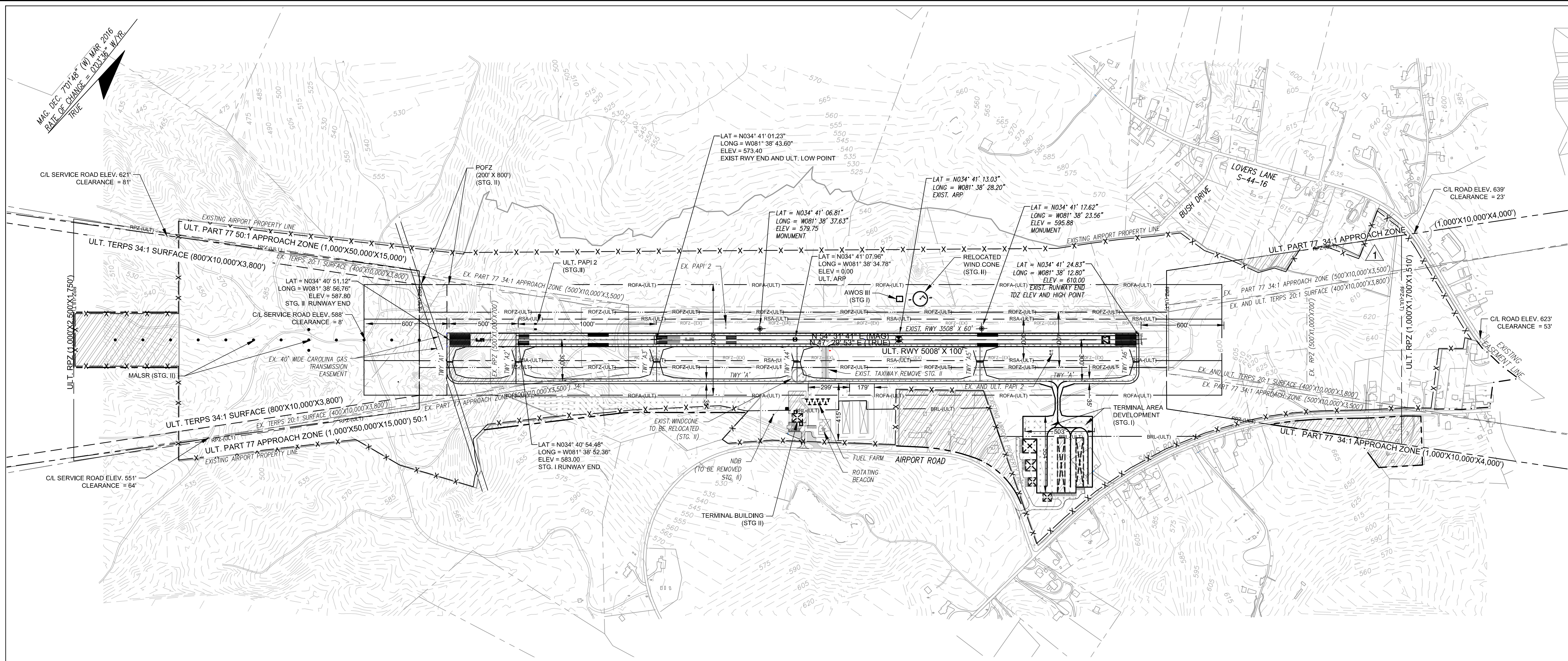


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RUNWAY 5-23 DATA TABLE				
DESCRIPTION	EXISTING	STAGE I	STAGE II	STAGE III
EFFECTIVE GRADIENT (%)	1.0	N/C	N/C	N/C
MAXIMUM GRADE CHANGE	0.03%	N/C	N/C	N/C
WIND COVERAGE (ALL WEATHER)	(13 KNOTS/15 MPH) 99.37%	N/C	N/C	N/C
WIND COVERAGE (IFR)	(13 KNOTS/15 MPH) 99.34%	N/C	N/C	N/C
MAX. ELEVATION (MSL)	610.2	N/C	N/C	N/C
RUNWAY (LENGTH X WIDTH)	3,508' X 60'	4,508' X 100'	5,008' X 100'	N/C
DISPLACED THRESHOLD	NONE	N/C	N/C	N/C
USABLE RUNWAY LENGTH	3,508'	4,508'	5,008'	N/C
SURFACE TYPE	ASPHALT	N/C	N/C	N/C
PAVEMENT STRENGTH (SINGLE WHEEL)	12,500 LBS.	N/C	30,000 LBS.	N/C
PAVEMENT STRENGTH (DUAL WHEEL)	N/C	N/C	55,000 LBS.	N/C
PAVEMENT CLASSIFICATION NUMBER (PCN)	N/C	20/FC/XT	N/C	N/C
APPROACH SURFACE SLOPE (RWY 5)	34:1 (NPI) 500'X3,500'X10,000'	N/C	50:1 (PIR) 1,000'X15,000'X50,000'	N/C
APPROACH SURFACE SLOPE (RWY 23)	34:1 (NPI) 500'X3,500'X10,000'	N/C	34:1 (NPI) 1,000'X4,000'X10,000'	N/C
APPROACH MINIMUMS (RWY 5)	427 - 1 MILE	200 - 1/2 MILE	200 - 1/2 MILE	N/C
APPROACH MINIMUMS (RWY 23)	470 - 1 MILE	250 - 1/2 MILE	N/C	N/C
VISUAL APPROACH AIDS	PAPI (5/23), ROTATING BEACON	N/C	MALSR	N/C
INSTRUMENT APPROACH AIDS	NDB, RNAV, GPS (5/23)	N/C	N/C	N/C
RUNWAY LIGHTING	MIRL	N/C	HIRL	N/C
RUNWAY MARKING	NPI/PI	NPI/NPI	PIR/NPI	N/C
RUNWAY DESIGN CODE (RDC)	B-II - 5,000	B-II - 4,000	B-II - 2,400	N/C
CRITICAL AIRCRAFT	KINGAIR 250	N/C	CITATION XLS	N/C
OBJECT FREE AREA (OFA) (WIDTH)	500'	N/C	800'	N/C
(OFA) LENGTH BEYOND RUNWAY	300'	N/C	600'	N/C
RUNWAY SAFETY AREA (RSA) (WIDTH)	150'	N/C	300'	N/C
(RSA) LENGTH BEYOND RUNWAY	195'	N/C	600'	N/C
OBSTACLE FREE ZONE (OFZ) (WIDTH)	250'	400'	N/C	N/C
(OFZ) LENGTH BEYOND RUNWAY	200'	N/C	N/C	N/C
FAR PART 77 APPROACH CATEGORY	C(NP)	N/C	PIR	N/C
RUNWAY PROTECTION ZONE (RPZ) RWY 5	500'X1,000'X700'	N/C	1,000'X2,500'X1,750'	N/C
RUNWAY PROTECTION ZONE (RPZ) RWY 23	500'X1,000'X700'	N/C	1,000'X1,700'X1,510'	N/C
RUNWAY 5 LATITUDE	34° 41' 01.23" N	34° 40' 54.48" N	34° 40' 51.12" N	N/C
RUNWAY 5 LONGITUDE	81° 38' 43.60" W	81° 38' 52.36" W	81° 38' 56.76" W	N/C
RUNWAY 23 LATITUDE	34° 41' 24.83" N	N/C	N/C	N/C
RUNWAY 23 LONGITUDE	81° 38' 12.80" W	N/C	N/C	N/C
RUNWAY END ELEVATION (ASL) RWY 5	574.19 (SURVEYED)	583.00	587.80	N/C
RUNWAY END ELEVATION (ASL) RWY 23	610.00 (SURVEYED)	N/C	N/C	N/C
DISPLACED THRESHOLD ELEVATION (MSL)	NONE	N/C	N/C	N/C
RUNWAY 5 TDZ ELEVATION (MSL)	604.1	589.05	594.27	N/C
RUNWAY 23 TDZ ELEVATION (MSL)	610.2	N/C	N/C	N/C
RUNWAY SHOULDER WIDTH	10'	N/C	N/C	N/C
LINE OF SIGHT VIOLATIONS	NONE	N/C	N/C	N/C

AIRPORT DATA TABLE		
DESCRIPTION	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	610.2	N/C
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	34° 41' 13.03" N	34° 41' 07.96" N
LONGITUDE	81° 38' 28.20" W	81° 38' 34.78" W
MEAN MAXIMUM TEMPERATURE (HOTTEST MONTH)	92° (F)	N/C
AIRPORT TERMINAL AREA NAVAIDS	GPS, ROTATING BEACON, NDB	N/C
MAGNETIC VARIATION	7° 01' 48" (W)	N/A
DATE OF MAGNETIC VARIATION	MARCH 2016	N/C
NPIAS SERVICE LEVEL	GENERAL AVIATION	N/C
STATE CLASSIFICATION	SC-IV (2008) - SC-III (2015)	SC-III
AIRPORT REFERENCE CODE (ARC)	B-II	N/C
TAXIWAY STRENGTH	12,500 LBS. SW	30,000 LBS. SW
TAXIWAY LIGHTING	MITL	N/C
TAXIWAY MARKING	YES	N/C
GPS AVAILABILITY AT AIRPORT	RUNWAY 5 (STRAIGHT-IN) RUNWAY 23 (STRAIGHT-IN)	N/C N/C

LEGEND		
EXISTING	DESCRIPTION	ULTIMATE
--- RSA-(EX) ---	RUNWAY MARKING	--- RSA-(ULT) ---
--- ROFA-(EX) ---	RUNWAY SAFETY 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) ---
--- TSA-(EX) ---	TAXIWAY SAFETY AREA (TSA)	--- TSA-(ULT) ---
N/A	BUILDING RESTRICTION LINE (BRL)	--- BRL-(ULT) ---
+	AIRPORT PAVEMENT	+
+	AIRPORT REFERENCE POINT	+
+	AIRPORT BUILDINGS	N/A
+	OTHER BUILDINGS	N/A
---	AIRPORT PROPERTY LINE	---
---	AIRPORT EASEMENT LINE	---
---	OTHER PROPERTY LINES	N/A
---	RAILROAD	N/A
---	FENCE	---
---	ROADS	N/A
---	TREE LINE	N/A
---	WETLANDS	N/A
---	GROUND ELEVATION CONTOURS	N/A
---	DITCH/CREEK	N/A
---	THRESHOLD LIGHTS	---
N/A	PAVEMENT TO BE REMOVED	---
STAGE I (0-5 YEARS)	STAGE II (6-10 YEARS)	STAGE III (11-20 YEARS)

CONSTRUCTION NOTICE REQUIREMENT
TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

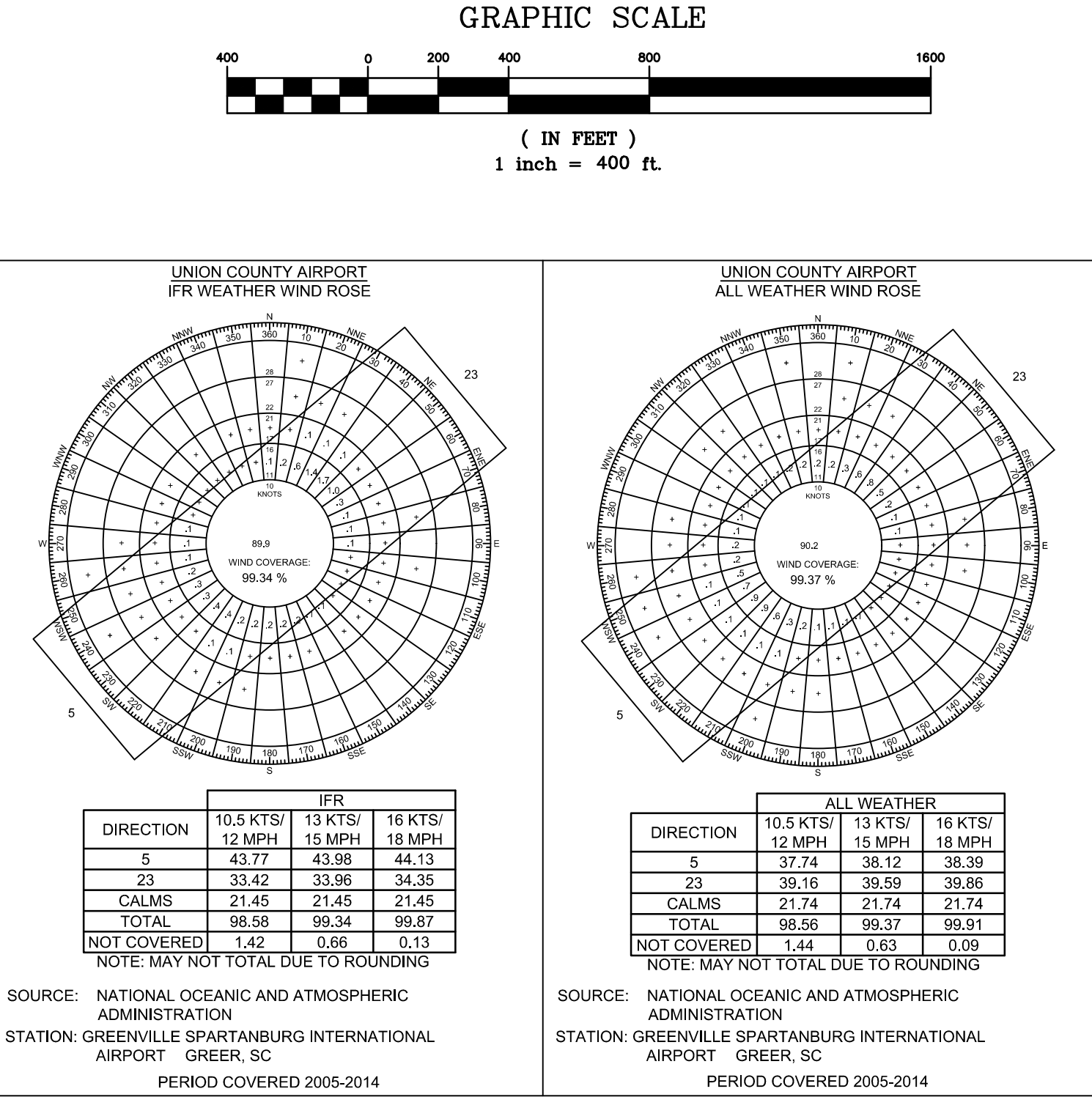
THIS SIGNATURE CERTIFIES SPONSOR'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN.

RONNIE WADE
UNION COUNTY AIRPORT MANAGER

- NOTES
- ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.
 - ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD 88.
 - PLANIMETRICS/CONTOURS WERE OBTAINED AUGUST 2014 BY QUANTUM SPATIAL.

"THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AND THE SOUTH CAROLINA AERONAUTICS COMMISSION 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.

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PLANNING DOCUMENT - FINAL

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PROFESSIONAL SEAL

REVISION RECORD		BY	
NO.	DATE	DESCRIPTION	
1	2-25-2020	REVISED TO SHOW PROPERTY ACQUISITION AIP GRANT #345-0056-011-2019	

PROJECT NAME: **UNION COUNTY AIRPORT LAYOUT PLAN**
UNION, SOUTH CAROLINA

DRAWING TITLE: **AIRPORT LAYOUT PLAN**

PROJ. MGR.: JJB
DESIGN BY: JJB / FDL
DRAWN BY: FDL
PROJ. DATE: 10-28-2015
DRAWING NUMBER:
2 OF 13
WKD PROJ. NO.: 20130154.00.CA