

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
 Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u><b>AIRPORT</b></u> HENDERSON FIELD	<u><b>AIRPORT ID</b></u> KACZ	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 9	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-A	<u><b>CITY</b></u> WALLACE	<u><b>STATE</b></u> NC
<u><b>AIRPORT ELEVATION</b></u> 38	<u><b>TDZE</b></u> 38	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 9	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG	<u><b>DATED</b></u> 11/13/2014	<u><b>MAG VAR</b></u> 9W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 20 JUNE 2019	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 2000

**TAA** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-11.

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>ALTITUDE</b></u>
1. 024/30 CW 164/30	NOPT	024/20 CW 164/20		2200
2. 024/20 CW 164/20		ODJOB	IF/IAF	2000
3. 164/30 CW 274/30		WODAS	IAF	2000
4. 274/30 CW 024/30		274/14 CW 024/14		3100
5. 274/14 CW 024/14		ZOLIS	IAF	2000

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
WODAS	IAF	ODJOB	NOPT	TF	FB	1.00	163.89	6.00	2000
ZOLIS	IAF	ODJOB	NOPT	TF	FB	1.00	023.90	6.00	2000
ODJOB	IF/IAF	SKATR		TF	FB	1.00	093.92	6.00	1600
SKATR	FAF	WONAV/1.70 NM TO RW09		TF	FB	0.30	093.99	3.05	
WONAV/1.70 NM TO RW09		RW09	MAP	TF	FO	0.30	093.99	1.70	
RW09	MAP	401 MSL		CA			093.99		
401 MSL		EJABI		DF	FO	1.00			2000



MISSED APPROACH

MAP:  
LPV: DA  
LNAV/VNAV: DA  
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 2000 DIRECT EJABI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD W ODJOB, RT, 093.92 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 093.99      FAF: SKATR      DIST FAF TO MAP: 4.75      DIST FAF TO THLD: 4.75
4. MIN ALT:    ODJOB 2000, SKATR 1600, WONAV/1.70 NM TO RW09 620\*
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      363 HAT: 0.98      GS ANT:
6. MIN GP INCPT: 1600      GP ALT AT FAF : SKATR 1600      OM:      MM:      IM:
7. GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS NOT CLEAR      TCH: 51.0
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH. 

NOTES:

CHART NOTE: RWY 09 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: BARO-VNAV NA.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
\*LNAV ONLY  
CHART NOTE: USE WILMINGTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE KENANSVILLE ALTIMETER SETTING.  
CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 9 NA AT NIGHT

ADDITIONAL FLIGHT DATA:

CHART WILMINGTON ASOS  
CHART CIRCLING ICON.  
WAAS CHANNEL #93536  
REFERENCE PATH ID: W09A  
CHART FAS OBST: 172 TREE 344230N/0780232W.  
HOLD E, RT, 274.18 INBOUND  
LTP HAE: -24.6 M



**MINIMUMS:**  
**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	401	1	363	401	1	363	401	1	363	401	1	363			
LNAV/VNAV DA	538	1 5/8	500	538	1 5/8	500	538	1 5/8	500	538	1 5/8	500			
LNAV MDA	500	1	462	500	1	462	500	1 3/8	462	500	1 3/8	462			
CIRCLING	620	1	582	620	1	582	820	2 1/4	782	820	2 1/2	782			

**CHANGES - REASONS**

- CRC REMAINDER CHANGED FROM 0AE15D5A TO 7555056F, LTP/FPFA ORTHOMETRIC HEIGHT CHANGED FROM +00116 TO +00115, FAS DATA LTP CHANGED FROM 344302.6740N/0780036.9785W TO 344302.6735N/0780036.9775W. - NEW AIRNAV DATA.
- ADDED PBN EQUIPMENT REQUIREMENT NOTES : RNP APCH, REMOVED CHART NOTE: DME/DME RNP-0.3 NA. . - IAW 8260.19 8-6-8.
- ADDED 20:1 IS NOT CLEAR. - IAW 8260.19 8-6-7.
- INTERMEDIATE RNP CODE CHANGED FROM 0.50 TO 1.00. - 8260.58 TABLE 1-2-1
- LPV MINIMA CHANGED FROM DA352/HAT 314 TO DA 401/HAT 363. - LPV MISSED PENETRATION.
- CHART NOTE RWY 9 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT CHANGED TO CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 9 NA AT NIGHT. - CIRCLING VISUAL SURFACE NO 20:1 PENS.
- CHART NOTE HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA CHANGED TO RWY 09 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
- ADDED MAX HOLDING 6000 AT ODJOB. - 8260.19 8-6-7
- ADDED "CHART WILMINGTON ASOS" IN ADDITIONAL FLIGHT DATE - PRIMARY ALTIMETER SOURCE IS REMOTE
- ADDED DIST TO THLD FROM 363 HAT: 0.98. - IAW 8260-19 8-6-7

4/8/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/21/18.  
1. REMOVED EXTRA "RNP APCH" FROM PBN REQUIREMENTS NOTE.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, ILM APP CON, ACZ AMGR

**FLIGHT CHECKED BY**  
KEVIN JOHN RIESE

*Digitally signed by*  
**DAVID DANNER**  
Apr 09, 2019

**OFFICE**  
FIOG  
**DATE**  
12/19/2018

**DEVELOPED BY**  
LEO PALMER

*Digitally signed by*  
**LEO PALMER**  
Apr 08, 2019

**OFFICE**  
AJV-5421  
**DATE**  
09/12/2018

**APPROVED BY**  
JULIE MORGAN

*Digitally signed by*  
**DAVID DANNER**  
Apr 09, 2019

**OFFICE**  
AJV-5420  
**DATE**  
**TITLE**  
MANAGER



**FAS DATA BLOCK INFORMATION**

<b><u>DATA FIELD</u></b>	<b><u>DATA</u></b>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KACZ
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	344302.6735N
LTP/FTP LONGITUDE	0780036.9775W
LTP/FTP ELLIPSOIDAL HEIGHT	-00246
FPAP LATITUDE	344310.3700N
FPAP LONGITUDE	0775849.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 7555056F

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00115
FPAP ORTHOMETRIC HEIGHT	+00115

