

**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>AIRPORT</u> WILSON INDUSTRIAL AIR CENTER	<u>AIRPORT ID</u> KW03	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> WILSON	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 160	<u>TDZE</u> 156	<u>SUPERSEDED</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 10/15/2015	<u>MAG VAR</u> 8W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ESTER	IAF	OKTOE	NOPT	TF	FB	1.00	308.67	14.95	2000
WENDI	IAF	OKTOE	NOPT	TF	FB	1.00	121.15	17.10	2000
OKTOE	IF/IAF	FALMI		TF	FB	1.00	038.44	5.85	1800
FALMI	FAF	UVUXE/2.40 NM TO RW03		TF	FB	0.30	038.48	2.64	
UVUXE/2.40 NM TO RW03		RW03	MAP	TF	FO	0.30	038.48	2.40	
RW03	MAP	700 MSL		CA			038.48		700
700 MSL		FEBEL		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 700, THEN CLIMBING LEFT TURN TO 2500 DIRECT FEBEL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD SW OKTOE, RT, 038.44 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 038.48 **FAF:** FALMI **DIST FAF TO MAP:** 5.04 **DIST FAF TO THLD:** 5.04
- 4. **MIN ALT:** OKTOE 2000, FALMI 1800, UVUXE/2.40 NM TO RW03 960*
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.68 **GS ANT:**
- 6. **MIN GP INCPT:** 1800 **GP ALT AT FAF :** FALMI 1800 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- 8. **MSA FROM:** RW03 3400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING ROCKY MOUNT ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ESTER ON V213 SOUTHBOUND.
 CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE ROCKY MOUNT ALTIMETER SETTING; INCREASE LPV DA TO 421 AND VISIBILITY ALL CATS 1/8 SM ;
 INCREASE LNAV/VNAV DA TO 439; INCREASE ALL MDA 20 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM.
 CHART NOTE: CIRCLING RWY 9, 15, 27, 33 NA AT NIGHT.
 * LNAV ONLY

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 WAAS CHANNEL #69339
 REFERENCE PATH ID: W03A
 CHART FAS OBST: 264 TREE 354441N/0775957W.
 CHART: 275 TWR 354333N/0775943W.
 HOLD NE, RT, 203.57 INBOUND
 LTP HAE: 12.7 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
LPV DA	406	3/4	250	406	3/4	250	406	3/4	250	406	3/4	250			
LNAV/VNAV DA	424	7/8	268	424	7/8	268	424	7/8	268	424	7/8	268			
LNAV MDA	520	1	364	520	1	364	520	1 3/4	364	520	2	364			
CIRCLING	660	1	500	660	1	500	780	1 3/4	620	780	2	620			



CHANGES - REASONS

1. ADDED LPV AND LNAV/VNAV MINIMUMS; ADDED HOLD-IN-LIEU OF PROCEDURE TURN AT OKTOE- PER FPT CHECKLIST.
2. ADDED STEP-DOWN FIX UVUXE TO LNAV FINAL SEGMENT- PER FPT CHECKLIST.
3. (PFAF) FALMI MOVED 434.60 FT SOUTHWEST; DISTANCE FAF TO MAP AND DISTANCE FAF TO THLD CHANGED FROM 4.97 TO 5.04 IN BLOCK 3 OF 8260-3- PER 8260.54A PARA 2.13 AND FORMULA 2-16B, AND AFS MEMO #126 "STANDARD FOR LOCATING A FINAL APPROACH FIX..." DATED 6/24/2009.
4. CHANGED LNAV MDA/HAT ALL CATS FROM 560/404 TO 520/364; CHANGED CIRCLING MDA/HAA FOR CAT C FROM 660/499 TO 780/820 AND VISIBILITY FROM 1 1/2 TO 1 3/4, AND CAT D FROM 720/559 TO 780/620- ADDITION OF STEPDOWN FIX ALLOWS LOWER LNAV MINIMUMS AND APPLICATION OF 8260.3C PARA 3-3-3 FOR INCREASED CIRCLING VISIBILITY MINIMUMS.
5. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2500 DIRECT OGLUE THEN VIA 022 TRACK TO FEBEL AND HOLD" TO "CLIMB TO 700, THEN CLIMBING LEFT TURN DIRECT FEBEL AND HOLD"- CURRENT CRITERIA DOES NOT SUPPORT PUBLISHED MISSED APPROACH PROCEDURE. CONSTRUCTION OF FIRST SEGMENT TO FIX OGLUE DOES NOT MEET MINIMUM LEG LENGTH REQUIREMENTS IAW 8260.54A, PARA 3.7.1 AND 6.2.3.
6. DELETED "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" NOTE; CHANGED BLOCK 7 ON 8260-3 FROM "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR"- UPDATED AIRPORT DATA WITH NEW SURVEY AND TO INCORPORATE NOTAM 5-6443.
7. CHANGED ALTIMETER NOTE FROM "OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED USE ROCKY MOUNT ALTIMETER SETTING" TO "OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE ROCKY MOUNT ALTIMETER SETTING: INCREASE LPV DA TO 421 AND VISIBILITY ALL CATS 1/8 SM; INCREASE LNAV/VNAV DA TO 439; INCREASE ALL MDA 20 FEET AND LNAV VISIBILITY CATS C AND D 1/8 SM"- ADDED LINE OF MINIMA AND STEPDOWN FIX PER FPT CHECKLIST.
8. FAS OBSTACLE CHANGED FROM 369 TOWER 354308N/0780151W TO 269 TREE 354446N/0775952W- NEW AIRPORT SURVEY.
9. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA BLOCK- 8260.19H 8-6-10 T.
10. ADDED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT ESTER..."- 8260,19H, 8-2-5E.
11. CHANGED COURSE AND DISTANCE FROM ESTER TO OKTOE FROM 304.84/14.98 TO 308.67/14.95; CHANGED WENDI TO OKTOE FROM 124.50/17.01 TO 121.15/17.10; CHANGED OKTOE TO FALMI DISTANCE FROM 6.93 TO 5.85- OKTOE MOVED 1 NM NORTH TO MEET CURRENT CRITERIA 8260.54A PARA 2.8.2.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZDC, APT MGR

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
DONALD H LANIER
Sep 24, 2018

OFFICE

FICO

DATE

9/19/18

DEVELOPED BY

LONNIE EVERHART (MICHAEL W HARRIS)

Digitally signed by
DONALD H LANIER
Sep 24, 2018

OFFICE

AJV-5400

DATE

06/07/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by
DONALD H LANIER
Sep 24, 2018

OFFICE

AJV-5400

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	W03
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	354550.0595N
LTP/FTP LONGITUDE	0775816.3670W
LTP/FTP ELLIPSOIDAL HEIGHT	+00127
FPAP LATITUDE	354706.9335N
FPAP LONGITUDE	0775720.7690W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B42842F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00474
FPAP ORTHOMETRIC HEIGHT	+00474

