

**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 ID</u> ISO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 3C	<u>CITY</u> KINSTON	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 93	<u>TDZE</u> 93	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 05/16/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 320/30 CW 140/30	NOPT	320/19 CW 140/19		2400
2. 320/19 CW 140/19		UHIRO	IF/IAF	2100
3. 140/30 CW 320/30		140/19 CW 320/19		3100
4. 140/19 CW 320/19		UHIRO	IF/IAF	2100

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>
UHIRO	IF/IAF	ZOMAV		TF	FB	1.00	050.02	4.78	2100
ZOMAV	FAF	ZATVA/2.40 NM TO RW05		TF	FB	0.30	050.05	3.72	
ZATVA/2.40 NM TO RW05		RW05	MAP	TF	FO	0.30	050.05	2.40	
RW05	MAP	293 MSL		CA			050.05		
293 MSL		WINTI		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT WINTI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SW UHIRO, RT, 050.02 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 14000.														
3.	FAC:	050.05	FAF:	ZOMAV	DIST FAF TO MAP:	6.12	DIST FAF TO THLD:	6.12							
4.	MIN ALT:	UHIRO 2100, ZOMAV 2100, ZATVA/2.40 NM TO RW05 900													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.44	GS ANT:				
6.	MIN GP INCPT:	2100	GP ALT AT PFAF:	ZOMAV 2100					OM:		MM:		IM:		
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	58.8							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GSB ALTIMETER SETTING.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING GSB ALTIMETER SETTING).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSB ALTIMETER SETTING: INCREASE LPV DA TO 336 FEET; INCREASE LNAV/VNAV DA TO 529 FEET AND ALL VISIBILITIES TO RVR 4000; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT D 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO RVR 6000.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING GSB ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO 1 3/8 MILE.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD NE, RT, 230.20 INBOUND.
CHART FAS OBST: 230 TREE (37-138955) 351812N/0773902W.
CHART VDP AT 1.03 NM TO RW05.
WAAS CHANNEL # 82004
REFERENCE PATH ID: W05A
LTP HAE: -8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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*	293	2400	200	293	2400	200	293	2400	200	293	2400	200			
LNAV/VNAV DA	486	3500	393	486	3500	393	486	3500	393	486	3500	393			
LNAV MDA	480	2400	387	480	2400	387	480	3500	387	480	3500	387			
CIRCLING	580	1	487	580	1	487	700	1 3/4	607	740	2	647			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED RNP VALUE FROM "0.50" TO "1.00" IN THE UHIRO TO ZOMAV SEGMENT - 8260.19J 8-6-4.A(6); 8260.58C TABLE 1-2-1.
2. CHANGED CHART NOTE FROM "BARO-VNAV AND VDP NA WHEN USING SEYMOUR JOHNSON AFB ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GSB ALTIMETER SETTING" - 8260.19J 8-6-1.E(8) AND (9).
3. CHANGED CHART NOTE FROM "** RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING SEYMOUR JOHNSON AFB ALTIMETER SETTING)" TO "** RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING GSB ALTIMETER SETTING)" - 8260.19J 8-6-12.K(1).
4. CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SEYMOUR JOHNSON AFB ALTIMETER SETTING: INCREASE DA TO 336 FEET; INCREASE LNAV/VNAV DA TO 529 FEET AND ALL VISIBILITIES TO RVR 4000; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT D 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GSB ALTIMETER SETTING: INCREASE LPV DA TO 336 FEET; INCREASE LNAV/VNAV DA TO 529 FEET AND ALL VISIBILITIES TO RVR 4000; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT D 1/4 SM" - 8260.19J 8-6-10.F(4); CLEARS T-NOTAM 4/4967.
5. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR WHEN USING SEYMOUR JOHNSON AFB ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO 1 3/8 MILE" TO "FOR INOPERATIVE ALS WHEN USING GSB ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO 1 3/8 MILE" - 8260.19J 8-6-12.O(3)(D); UPDATED LOCATION ID PER CURRENT CRITERIA.
6. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D TO RVR 6000" - 8260.19J 8-6-12.O(3)(D).
7. ADDED ASTERISK TO LPV LINE OF MINIMA - 8260.19J 8-6-12; CLEARS T-NOTAM 4/4967.

COORDINATED WITH:

A4A

ALPA

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AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZDC, GSB APP CON, ISO ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

RAKE MCGRAW

Oct 07, 2024

DATE

DEVELOPED BY

TIMOTHY JOHNSON

Digitally signed by

Timothy Johnson

Oct 03, 2024

OFFICE

AJV-A421

DATE

05/22/2024

APPROVED BY

DAVID DANNER

Digitally signed by

RAKE MCGRAW

Oct 07, 2024

OFFICE

AJV-A421

DATE

12/26/2024

TITLE

MANAGER

AIRPORT ID
ISO

PROCEDURE NAME
RNAV (GPS) RWY 5

ORIGINAL/AMENDMENT
3C

CITY
KINSTON

STATE
NC

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KISO
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	351914.3160N
LTP/FTP LONGITUDE	0773713.1265W
LTP/FTP ELLIPSOIDAL HEIGHT	-00080
FPAP LATITUDE	352040.0085N
FPAP LONGITUDE	0773541.9020W
THRESHOLD CROSSING HEIGHT (TCH)	00058.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	61903455
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00280
FPAP ORTHOMETRIC HEIGHT	+00280

