

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> HALIFAX-NORTHAMPTON RGNL	<u>AIRPORT ID</u> KIXA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> ROANOKE RAPIDS	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 145	<u>TDZE</u> 144	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 10W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
TYI VORTAC	IAF	VINGR	NOPT	TF	FB	1.00	019.20	8.53	2000
TANGY	IAF	VINGR	NOPT	TF	FB	1.00	289.86	8.10	2000
VINGR	IF/IAF	SLAAW		TF	FB	1.00	018.76	6.72	2000
SLAAW	FAF	YOSKY/2.70 NM TO RW02		TF	FB	0.30	018.77	3.01	
YOSKY/2.70 NM TO RW02		RW02	MAP	TF	FO	0.30	018.77	2.70	
RW02	MAP	394 MSL		CA			018.77		
394 MSL		POORK		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT POORK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S VINGR, RT, 018.76 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 10000.

3. FAC: 018.77FAF: SLAAWDIST FAF TO MAP: 5.71DIST FAF TO THLD: 5.71

4. MIN ALT: VINGR 2000, SLAAW 2000, YOSKY/2.70 NM TO RW02 1040*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.67GS ANT:

6. MIN GP INCPT: 2000GP ALT AT FAF : SLAAW 2000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW02 2500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA E OF RWYS 2-20.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TYI VORTAC AIRWAY RADIALS 024 CW 096.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.05 NM TO RW02*
*LNAV ONLY
WAAS CHANNEL #78025
REFERENCE PATH ID: W02A
CHART FAS OBST: 247 TREE 361817N/0773850W.
HOLD N, RT, 198.81 INBOUND
LTP HAE: 8.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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	394	7/8	250	394	7/8	250	394	7/8	250	394	7/8	250			
LNAV/VNAV DA	433	1	289	433	1	289	433	1	289	433	1	289			
LNAV MDA	500	1	356	500	1	356	500	1	356	500	1	356			
CIRCLING	560	1	415	600	1	455	780	1 3/4	635	860	2 1/4	715			



CHANGES - REASONS

1. ADDED MAX 10000 AT VINGR HOLDING PATTERN TO 8260.3 LINE 2 - IAW 8260.19H, PARA 8-6-7B(2).
2. ADDED "20:1 IS CLEAR" TO 8260-3 LINE 7 - IAW 8260.19H, PARA 8-6-7G(3).
3. RAISED CIRCLING CAT C MDA/HAA FROM 760/615 TO 780/635 - UPDATED EVALUATION, REVISED OBSTACLE MSL HEIGHT FROM 459 TO 462.
4. CHANGED "DISTANCE TO THLD FROM 250 HAT: 0.66 NM" TO "DISTANCE TO THLD FROM 250 HAT: 0.67 NM" IN ADDITIONAL FLIGHT DATA - UPDATED EVALUATION.
5. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/2018.
6. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - IAW 8260.19H, PARA 8-6-8B(1) AND MEMO 266 DATED 7/18/2018.
7. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C" - IAW 8260.19H, PARA 8-6-9R(4)S.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, ARPT MGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE Digitally signed by **DATE**

DAVID TEFFETELLER

Mar 04, 2019

DEVELOPED BY

DIANE S LAIR

Digitally signed by

DIANE S LAIR

Feb 26, 2019

OFFICE

AJV-A433

DATE

01/25/2019

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DAVID TEFFETELLER

Mar 04, 2019

OFFICE

AJV-A43

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIXA
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	361920.3765N
LTP/FTP LONGITUDE	0773811.9595W
LTP/FTP ELLIPSOIDAL HEIGHT	+00086
FPAP LATITUDE	362048.5600N
FPAP LONGITUDE	0773755.1200W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8240B28E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00429
FPAP ORTHOMETRIC HEIGHT	+00429

