

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> KBDL	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 24	<u>ORIGINAL/AMENDMENT</u> 4B	<u>CITY</u> WINDSOR LOCKS	<u>STATE</u> CT		
<u>AIRPORT ELEVATION</u> 173	<u>TDZE</u> 170	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 24	<u>ORIGINAL/AMENDMENT</u> 4A	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
KIBBE	IF/IAF	MOTEL		TF	FB	1.00	238.53	7.00	2100
MOTEL	FAF	FARIL/1.33 NM TO RW24		TF	FB	0.30	238.45	4.58	
FARIL/1.33 NM TO RW24		RW24	MAP	TF	FO	0.30	238.45	1.33	
RW24	MAP	370 MSL		CA			238.45		
370 MSL		PENNA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT PENNA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE KIBBE, LT, 238.53 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 7000.

3. FAF: 238.45FAF: MOTELDIST FAF TO MAP: 5.92DIST FAF TO THLD: 5.92

4. MIN ALT: KIBBE 3000, MOTEL 2100, FARIL/1.33 NM TO RW24 640

5. DIST TO THLD FROM FAF:MM:IM:150 HAT:200 HAT: 0.48GS ANT:

6. MIN GP INCPT: 2100GP ALT AT FAF :MOTEL 2100OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 55.4

8. MSA FROM: RW24 3300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT KIBBE ON V146-405 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 058.26 INBOUND.
CHART FAS OBST: 309 TREE 415800N/0724009W.
419 AAO 420110N/0723412W.
WAAS CHANNEL # 97310
REFERENCE PATH ID: W24A
CHART CIRCLING ICON.
LTP HAE: 20 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 1000-2 3/4, CAT D 1100-3



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	370	1800	200	370	1800	200	370	1800	200	370	1800	200			
LNAV/VNAV DA	560	4500	390	560	4500	390	560	4500	390	560	4500	390			
LNAV MDA	560	2400	390	560	2400	390	560	3500	390	560	3500	390			
CIRCLING	700	1	527	700	1	527	1120	2 3/4	947	1220	3	1047			

CHANGES - REASONS

1. ADDED TO PROFILE LINE 2 MAX HIL ALTITUDE OF 7000 - 8260.19I, 8-6-7.B(2).
2. REMOVED CHART NOTE: CIRCLING RWY 19 NA AT NIGHT - RWY 1/19 DECOMMISSIONED.
3. REMOVED "VISUAL PORTION OF FINAL" PENETRATIONS TO CIRCLING RWY 19 20:1 230' TREE - RWY 1/19 DECOMMISSIONED.
4. REMOVED ADDITIONAL FLIGHT DATA NOTE "*LNAV ONLY", AND REMOVED ASTERISKS (*) FROM FARIL INT MINIMUM ALTITUDE IN PROFILE LINE 4 - NO LONGER REQUIRED; IAW 8260.19I 8-6-7D AND 8-6-10M (MEMO).
5. UPDATED PBN REQUIREMENT NOTE FROM: "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I PARA 8-6-8 B(1).

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, BDL APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

Digitally signed by

JOHN BORDY

DATE

Apr 27, 2021

DEVELOPED BY

JOHN BORDY (ALEX BALLESTER MARTINEZ)

Digitally signed by

JOHN BORDY

Apr 27, 2021

OFFICE

AJV-A422

DATE

03/02/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Apr 27, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBDL
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	415702.3950N
LTP/FTP LONGITUDE	0724019.6695W
LTP/FTP ELLIPSOIDAL HEIGHT	+00200
FPAP LATITUDE	415555.2480N
FPAP LONGITUDE	0724147.6855W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
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	77D387CB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00490
FPAP ORTHOMETRIC HEIGHT	+00490

