

**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) RWY 15	<u>ORIGINAL/AMENDMENT</u> 4A	<u>CITY</u> WINDSOR LOCKS	<u>STATE</u> CT		
<u>AIRPORT ELEVATION</u> 173	<u>TDZE</u> 171	<u>SUPERSEDED</u> RNAV (GPS) RWY 15	<u>ORIGINAL/AMENDMENT</u> 4	<u>DATED</u> 03/26/2020	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CTR VOR/DME	IAF	DOCEB	NOPT	TF	FB	1.00	178.74	13.77	3500
SASHA	IAF	DOCEB	NOPT	TF	FB	1.00	120.73	13.09	3500
DOCEB	IF/IAF	BREEN		TF	FB	1.00	148.25	5.00	2500
BREEN	FAF	UHLAN/2.75 NM TO RW15		TF	FB	0.30	148.30	3.19	
UHLAN/2.75 NM TO RW15		RW15	MAP	TF	FO	0.30	148.30	2.75	
RW15	MAP	478 MSL		CA			148.30		
478 MSL		HADUX		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT HADUX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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. ROMOVED "VISUAL PORTION OF FINAL" PENETRATIONS CIRCLING RWY 19.
4. REMOVED ADDITIONAL FLIGHT DATA NOTE "**LNAV ONLY", AND REMOVED ASTERISKS (*) FROM UHLAN MINIMUM ALTITUDE IN PROFILE LINE 4 - NO LONGER REQUIRED; IAW 8260.19I 8-6-7D AND 8-6-10M (MEMO).
5. REMOVED CHART NOTE: "DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS" TO PBN REQUIREMENT NOTES - IAW 8260.19I PARA 8-6-8 B(1).
6. CHANGED ADDT'L FLIGHT DATA: CHART FAS OBSTACLE FROM: "783 TREE 415814N/0724424W" TO "783 TREE (09-039545) 415814N/0724424W" - IAW 8260.19I 8-6-10.C.
7. UPDATED ADDITIONAL FLIGHT DATA: FROM "CHART VDP AT 2.17 NM TO RW15*" TO "CHART VDP AT 2.17 NM TO RW15" - ASTERISK NO LONGER REQUIRED.

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

DATE

JOHN BORDY

Apr 29, 2021

DEVELOPED BY

JOHN BORDY (ALEX BALLESTER MARTINEZ)

Digitally signed by

JOHN BORDY

Apr 29, 2021

OFFICE

AJV-A422

DATE

03/02/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Apr 29, 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	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	415632.6250N
LTP/FTP LONGITUDE	0724135.7100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00224
FPAP LATITUDE	415530.2875N
FPAP LONGITUDE	0724010.3805W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0664
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FA0B1DF7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00515
FPAP ORTHOMETRIC HEIGHT	+00515

