

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> BRADLEY INTL | <u>AIRPORT ID</u> KBDL | <u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 24 | <u>ORIGINAL/AMENDMENT</u> 4A | <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SUPERSEDED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> 4 | <u>DATED</u> 03/29/2018 | <u>MAG VAR</u> 14W | <u>EPOCH YEAR</u> 1980 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019 | <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. FAC: 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 OM: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.

NOTES:

CHART NOTE: CIRCLING RWY 19 NA AT NIGHT.
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}).
*LNAV ONLY
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT KIBBE ON V146-405 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #97310
REFERENCE PATH ID: W24A
CHART FAS OBST: 309 TREE 415800N/0724009W.
419 AAO 420110N/0723412W.
HOLD SW, LT, 058.26 INBOUND
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. CHANGED PROFILE LINE 7 ADDED 20:1 IS CLEAR - IAW CURRENT DOCUMENTATION REQUIREMENTS.
- 2. DELETED CHART NOTE DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW CURRENT DOCUMENTATION REQUIREMENTS.
- 3. UPDATED CHART PLANVIEW NOTE: FROM NOPT FOR ARRIVAL AT KIBBE ON V146-405 NORTHEAST BOUND TO NOPT FOR ARRIVAL AT KIBBE ON V146-405 NORTHWEST BOUND - PER FPT CHECKLIST REQUEST - CANCELS IFDC 8/0993.
- 4. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, FROM LNAV/VNAV NA "BELOW -18C (0F) OR ABOVE 54C (130F)" TO "BELOW -18C OR ABOVE 54C" - IAW CURRENT DOCUMENTATION REQUIREMENTS.

COORDINATED WITH:

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

FLIGHT CHECKED BY

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

Digitally signed by

OFFICE

DATE

DEVELOPED BY

DONALD H. LANIER (MYRON DEBERRY) *Digitally signed by*

DONALD H LANIER

Apr 01, 2019

OFFICE

AJV-A431

DATE

03/04/2019

APPROVED BY

PATRICK MULQUEEN *Digitally signed by* **DONALD H LANIER** Apr 01, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER

DONALD H LANIER

Apr 01, 2019



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 |

QUALITY
10
CHECKED