

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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.

| | | | | |
|--------------------------------|---|---------------------------------------|---|---------------------------|
| AIRPORT ID EWB | PROCEDURE NAME ILS OR LOC RWY 5 | ORIGINAL/AMENDMENT 26C | CITY NEW BEDFORD | STATE MA |
| AIRPORT ELEVATION 79 | TDZE 70 | SUPERSEDED ILS OR LOC RWY 5 | DATED 04/20/2023 | MAG VAR 16W |
| FACILITY I-EWB | COORDINATES OF FACILITIES | ACTUAL EFFECTIVE DATE | REQUIRED EFFECTIVE DATE ROUTINE | EPOCH YEAR 1995 |
| | | | CANCEL/SUSPEND | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|---------------------------|----------|---------------------------|----------|----------|-------|-----|----------------|----------|----------|
| MVY VOR/DME | | BONNI INT/I-EWB 11.38 DME | | | | | 305.62 | 23.87 | 2100 |
| PVD VOR/DME | IAF | BONNI INT/I-EWB 11.38 DME | NOPT | | | | 142.00 | 18.37 | 2100 |
| BONNI INT/I-EWB 11.38 DME | IF/IAF | FROLY INT/I-EWB 5.33 DME | | | | | 054.44 (I-EWB) | 6.04 | 1500 |

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.36 NM AFTER FROLY INT/I-EWB 5.33 DME OR AT I-EWB 0.98 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2100 ON HEADING 210 AND ON I-EWB LOCALIZER SW COURSE R-234 TO BONNI INT/I-EWB 11.38 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2100 DIRECT BONNI AND HOLD, (GPS REQUIRED)

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW BONNI, RT, 054.44 INBOUND, 2100 IN LIEU OF PT (IAF), MAX 5000.
- FAC:** 054.44 **FAF:** FROLY INT/I-EWB 5.33 DME **DIST FAF TO MAP:** 4.36 **DIST FAF TO THLD:** 4.36
- MIN ALT:** BONNI INT/I-EWB 11.38 DME 2100, FROLY INT/I-EWB 5.33 DME 1500, WIDON/I-EWB 2.98 DME 720
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 949
- MIN GS INCPT:** 1500 **GS ALT AT PFAF:** FROLY INT/I-EWB 5.33 DME 1500 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 48.5
- MSA FROM:** PVD VOR/DME 2600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 470.
 CHART NOTE: CIRCLING RWY 14 NA AT NIGHT.
 CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MVY VOR/DME AIRWAY RADIAL 282.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PVD VOR/DME AIRWAY RADIALS 093 CW 165.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ALTERNATE MA HOLDING, SW BONNI, RT 054.44 INBOUND.
 CHART FAS OBST: 252 TRANSMISSION_LINE (25-066958) 413834N/0710017W.
 CHART VDP AT 2.37 DME.
 DISTANCE VDP TO THLD 1.40 NM.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

| <u>CATEGORY:</u> | <u>A</u> | | | <u>B</u> | | | <u>C</u> | | | <u>D</u> | | | <u>E</u> | | |
|---------------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|----------------------|-------------------|-----------------------|
| <u>FINAL TYPE</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> |
| S-ILS 05* | 270 | 2400 | 200 | 270 | 2400 | 200 | 270 | 2400 | 200 | 270 | 2400 | 200 | | | |
| S-LOC 05 | 720 | 2400 | 650 | 720 | 2400 | 650 | 720 | 1 3/8 | 650 | 720 | 1 3/8 | 650 | | | |
| CIRCLING | 720 | 1 | 641 | 720 | 1 | 641 | 720 | 1 7/8 | 641 | 960 | 3 | 881 | | | |
| WIDON FIX MINIMUMS | | | | | | | | | | | | | | | |
| S-LOC 05 | 560 | 2400 | 490 | 560 | 2400 | 490 | 560 | 5000 | 490 | 560 | 5000 | 490 | | | |
| CIRCLING | 620 | 1 | 541 | 640 | 1 | 561 | 720 | 1 3/4 | 641 | 960 | 3 | 881 | | | |



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FROM: BONNI INT/I-EWB 11.39 DME TO: BONNI INT/I-EWB 11.38 DME - IAW 8260.19K 8-2-6 C.(3)
2. PROFILE: LINE 3: FAC CHANGED FROM 054.45 TO: 054.44 - CORRECTED DUE TO TARGETS ROUNDING.
3. PROFILE: LINE 4: REMOVED (*) - NO LONGER REQUIRED.
4. NOTES: ADDED: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MVY VOR/DME AIRWAY RADIAL 282. - IAW 8260.19K 8-2-5 E.
5. NOTES: ADDED: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PVD VOR/DME AIRWAY RADIALS 093 CW 165. - IAW 8260.19K 8-2-5 E.
6. NOTES: ADDED: CHART PLANVIEW NOTE: ALTERNATE MA HOLDING, HOLD SW BONNIE AND HOLD. - IAW 8260.19K H.
7. ADDITIONAL FLIGHT DATA: ADDED CIRCLING RWY 14 NA AT NIGHT. - NOTAM 3/8490 AND IAW 8260.19K 8-6-12 O.(2)(G).
8. MINIMUMS: UPDATED S-LOC 05 (WIDON FIX) DA/VIS FROM: CAT A/B 420/RVR 2400 CAT C/D 420/ RVR 3000 TO: CAT A/B 560/ RVR 2400 CAT C/D 560/ RVR 5000. - NEW CONTROLLING OBSTACLE.
9. MINIMUMS: UPDATED CIRCLING CMDA/VIS (WIDON FIX) FROM: CAT A: 600/1 TO: CAT A: 620/1- NEW CONTROLLING OBSTACLE.
10. DELETED NOTE: "FOR INOPERATIVE MALSR, INCREASE WIDON FIX MINIMUMS S-LOC 5 CAT C/D VISIBILITY 1/4 MILE" - NO LONGER APPLICABLE.
11. FAS OBST CHANGED FROM 402 TOWER AND 140 TREE TO 252 TRANSMISSION LINE - NEW OBSTACLE STUDY.
12. DELETED "CHART: 261 TREE 413835N/0710022W - NO 7:1 OBSTACLES.
13. REMOVED BACKUP ALTIMETER SETTING - MOVED TO -9 AS A CONTINGENCY.
14. REMOVED "*LOC ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.

COORDINATED WITH:

A4A
ALPA
AOPA
APA
HAI
NBAA

OTHER: ZBW, BOS APP CON, PVD APP CON, EWB ATCT, ARPT MNGR.

Digitally signed by

FLIGHT CHECKED BY

CASEY D HILL

OFFICE

DATE

JAMES R JONES

Feb 09, 2026

AJF

01/22/2026

DEVELOPED BY

Digitally signed by

CASEY D HILL

OFFICE

DATE

BYRON STUBBLEFIELD

Feb 09, 2026

AJV-A431

10/06/2025

APPROVED BY

Digitally signed by

CASEY D HILL

OFFICE

DATE

TITLE

CASEY HILL

Feb 09, 2026

AJV-A431

10/06/2025

MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

| | | | | | | |
|--------------------------|---|------------------------|----------------------------|--------------------|--------------------------------|--------------------------|
| <u>AIRPORT ID</u> EWB | <u>PROCEDURE NAME</u> ILS OR LOC RWY 5 | <u>AMDT NO.</u> 26C | <u>CITY</u> NEW BEDFORD | <u>STATE</u> MA | <u>AIRPORT ELEVATION</u> 79 | <u>FACILITY</u> I-EWB |
|--------------------------|---|------------------------|----------------------------|--------------------|--------------------------------|--------------------------|

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

| | |
|----------------------------|--|
| FROM MVY VOR/DME | TO BONNI INT/I-EWB 11.38 DME |
|----------------------------|--|

| | | | | | |
|------------|--------------------------|------------|------------|------------|-------------|
| <u>RNP</u> | <u>DISTANCE</u> 23.87 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|--------------------------|------------|------------|------------|-------------|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| AAO | 412157.00N/0704451.00W | 502 | 215 | 8 | 4B | 1000 | | | | AT598 | 2100 |
| TERRAIN | 412157.00N/0704451.00W | 301 (300) | | | | | | | | AS1500 | 1800 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:

INITIAL

| | |
|----------------------------|--|
| FROM PVD VOR/DME | TO BONNI INT/I-EWB 11.38 DME |
|----------------------------|--|

| | | | | | |
|------------|--------------------------|------------|------------|------------|-------------|
| <u>RNP</u> | <u>DISTANCE</u> 18.37 | <u>PAT</u> | <u>MAP</u> | <u>HAT</u> | <u>HMAS</u> |
|------------|--------------------------|------------|------------|------------|-------------|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| TOWER (44-000031) | 413548.93N/0711121.03W | 1061 | 20 | 3 | 1A | 1000 | | | | AT39 | 2100 |
| TERRAIN | 413912.00N/0711130.00W | 318 (300) | | | | | | | | AS1500 | 1800 |

COMPUTATIONS

| | | | | | | | | | | | |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|
| <u>ALT</u> | <u>KIAS</u> | <u>KTAS</u> | <u>HAA</u> | <u>VKTW</u> | <u>TR</u> | <u>BA</u> | <u>DTA</u> | <u>COURSE CHANGE</u> | <u>DVEB</u> | <u>VEB OCS</u> | <u>RF CENTER FIX/DISTANCE</u> |
|------------|-------------|-------------|------------|-------------|-----------|-----------|------------|----------------------|-------------|----------------|-------------------------------|

SEGMENT REMARKS:



AIRPORT ID
EWB

PROCEDURE NAME
ILS OR LOC RWY 5

AMDT NO.
26C

CITY
NEW BEDFORD

STATE
MA

AIRPORT ELEVATION
79

FACILITY
I-EWB

MISSED APPROACH ALTERNATE: ILS

FROM
DA **TO**
BONNI

RNP 0.30 **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
102

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| | | | | | | | ASC | | | | 2100 |
| TOWER (44-000031) | 413548.93N/0711121.03W | 1061 | 20 | 3 | 1A | 1000 | | | | | 1100 |
| TERRAIN | 414318.00N/0710336.00W | 351 (400) | | | | | | | | AS1500 | 1900 |

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

| OBSTRUCTION | COORDINATES | RADIUS | HAA | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|--------|---------|----------|------|------|----|-----|-----|-------------|---------|
| CATEGORY A | | | | | | | | | | | |
| TANK (25-000099) | 413913.76N/0705739.60W | 1.30 | 641/541 | 306 | 20 | 3 | 1A | 300 | | SI | 720/620 |
| CATEGORY B | | | | | | | | | | | |
| STACK (25-000537) | 414022.57N/0705955.30W | 1.81 | 641/561 | 322 | 20 | 3 | 1A | 300 | | SI | 720/640 |
| CATEGORY C | | | | | | | | | | | |
| TOWER (25-000077) | 413826.97N/0705500.75W | 2.84 | 641/641 | 403 | 20 | 3 | 1A | 300 | | | 720/720 |
| CATEGORY D | | | | | | | | | | | |
| TOWER (25-025187) | 413720.19N/0705507.48W | 3.71 | 881/881 | 609 | 500 | 50 | 5D | 300 | | AC50 | 960/960 |

CIRCLING REMARKS:

MSA

CENTER **RADIUS**
PVD VOR/DME 25



| SECTOR | OBSTRUCTION | COORDINATES | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---------|-------------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | TOWER (25-000622) | 420310.71N/0714904.37W | 333 | 26.3 | 1571 | 20 | 3 | 1A | 1000 | | | 2600 |

MSA REMARKS:

AIRPORT ID
EWB

PROCEDURE NAME
ILS OR LOC RWY 5

AMDT NO.
26C

CITY
NEW BEDFORD

STATE
MA

AIRPORT ELEVATION
79

FACILITY
I-EWB

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FT VEGETATION USED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

PVD APP CON, EWB TOWER

WX SERVICE
ASOS

LOCATION
EWB

HRS OPERATION
24

ALTIMETER SOURCE
EWB

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
TAN

HRS OPERATION
24

ALTIMETER SOURCE
TAN

DISTANCE
12.16

WMSCR
Y

ADJUSTMENTS
36

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KEWB 79, KTAN 28
RA = 35.4.

PRIMARY NAVAID
I-EWB

MONITOR POINT
ATCT

HRS OPERATION
TOWER OPEN
TOWER CLSD

CAT
1
3

| APPROACH AND RUNWAY LIGHTING SYSTEM | RUNWAY MARKINGS | RUNWAY VISUAL RANGE |
|--|------------------------|----------------------------|
| RW14 - MIRL (PCL), PAPI-4L | BSC-G | |
| RW32 - REIL (PCL), MIRL (PCL), PAPI-4L | BSC-G | |
| RW05 - MALSR (PCL), HIRL (PCL) | PIR-G | APPROACH |
| RW23 - MALSR (PCL), HIRL (PCL), PAPI-4L | PIR-G | ROLL OUT |

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
64.4

TCH
48.5

ELEV GS ANTENNA
60.9

DISTANCE FROM RWY
949

VGSI ANGLE

TCH

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:



"VISUAL PORTION OF FINAL" PENETRATIONS

| | |
|--|---|
| FINAL TYPE | CIRCLING RWY 14 |
| 20:1 | |
| 105 TREE (25-064881) 414054.2900N/0705754.2300W (9.24) | 94 TREE (25-065662) 414052.5700N/0705752.7400W (8.08) |

AIRPORT ID
EWB

PROCEDURE NAME
ILS OR LOC RWY 5

AMDT NO.
26C

CITY
NEW BEDFORD

STATE
MA

AIRPORT ELEVATION
79

FACILITY
I-EWB

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAN ALTIMETER SETTING AND INCREASE S-ILS 05 DA TO 306 FEET AND INCREASE ALL MDAS 40 FEET AND WIDON FIX MINIMUMS VISIBILITY CAT C/D TO RVR 5500 AND S-LOC 5 VISIBILITY CATS C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/C 1/4 SM. INCREASE STEPDOWN TO 760 WHEN USING TAN ALTIMETER SETTING.
*RVR 1800 NA WHEN USING TAN ALTIMETER.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

| | | | |
|------------------------|--------------|--|--------|
| DISTANCE FROM | THLD | TO 1000FT POINT | 3.41 |
| WIDTH OF | FINAL | SEGMENT AT 1000FT POINT | 0.96 |
| TRUE COURSE OF | FINAL | SEGMENT CONTAINING 1000FT POINT | 038.44 |
| HIGH TERRAIN IN | FINAL | SEGMENT CONTAINING 1000FT POINT | 200 |
| DISTANCE FROM | THLD | TO 1500FT POINT | 5.02 |
| WIDTH OF | INTERMEDIATE | SEGMENT AT 1500FT POINT | 1.52 |
| TRUE COURSE OF | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 038.44 |
| HIGH TERRAIN IN | INTERMEDIATE | SEGMENT CONTAINING 1500FT POINT | 200 |

THRESHOLD COORDINATES (IF STR-IN) 414016.54N/0705753.88W
ARP COORDINATES 414035.64N/0705728.21W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 32 DISTANCE 0.47 NM
FAF COORDINATES 413651.67N/0710130.42W
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME
BYRON STUBBLEFIELD

OFFICE
AJV-A431

DATE
10/06/2025

TITLE
AERONAUTICAL INFORMATION SPECIALIST

