| LOC/DME I-BOS | APP CRS | Rwy Idg | 8851 |
|---|---|---|---|
| 110.3 | 036° | THRE | 18 |
| Chan 40 | | Apt Elev | 20 |

# ILS or LOC RWY 4R

BOSTON/GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

Circling NA for Cats C and D west of Rwys 4L and 15R. Circling NA to Rwy 14.
# For inoperative ALSF, increase S-ILS 4R all Cats visibility to RVR 6000, and S-LOC 4R Cats A and B visibility RVR 5000; visibility reduction by helicopters NA.
† When vessels taller than 144 feet present, S-ILS 4R NA.

ALSF-2

MISSED APPROACH: Climb to 3000 on BOS VOR/DME R-030 to WAXEN INT/BOS 14 DME and hold.

| ATIS | BOSTON APP CON | BOSTON TOWER | GND CON | CLNC DEL |
|---|---|---|---|---|
| ARR 135.0 DEP 127.875 | 120.6 263.1 | 128.8 257.8 | 121.9 | 121.65 257.8 |

ALTERNATE MISSED APCH FIX

114.4 MHT Chan 91 R-145 R-030 145° 325° WAXEN MHT 26.4 112.7 BOS Chan 74

MISSED APCH FIX

114.4 MHT Chan 91 210° 030° R-145 WAXEN BOS 14 112.7 BOS R-030 Chan 74

RADAR REQUIRED

LOCALIZER 110.3 I-BOS Chan 40

BOSTON 112.7 BOS Chan 74

527 381 301 234± 516 149 333 231 639 317 160 161± 700 363 363± 920 333 176 104 IM MM 217 1449 990

IRSEW I-BOS 3.8 RADAR

MILTT I-BOS 6.9 RADAR

NABBO I-BOS 11.9 RADAR

(IF) WINNI I-BOS 16.9 RADAR

1700 036° (5) 3000 036° (5) 216°

MSA BOS 25 NM 125° 2000 2500 035°

NE-1, 07 FEB 2013 to 07 MAR 2013

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 67).

3000 BOS R-030 WAXEN

* LOC only.

WINNI I-BOS 16.9 RADAR NABBO I-BOS 11.9 RADAR MILTT LOM I-BOS 6.9 RADAR IRSEW I-BOS 3.8 RADAR *I-BOS 2.9 I-BOS 1.8 MM IM

4000 036° 3000 1700 1700 *700

GS 3.00° TCH 51

5 NM 5 NM 3.1 NM 0.9 0.7 0.2 0.2 NM

ELEV 20 D THRE 18

2557 X 100 7761 X 150 10005 X 150 10083 X 150 7000 X 150 5000 X 100

TWR 317

| CATEGORY | A | B | C | D |
|---|---|---|---|---|
| S-ILS 4R | 218/18 | | 200 (200-½) | |
| S-LOC 4R | 440/24 | 422 (500-½) | 440/40 | 422 (500-¾) |
| CIRCLING | 940-1¼ 920 (1000-1¼) | 1000-1½ 980 (1000-1½) | 640-1¾ 620 (700-1¾) | 640-2 620 (700-2) |

† APPROACH MINIMA WHEN CONTROL TOWER REPORTS TALL VESSELS IN APPROACH AREA

| | | | | |
|---|---|---|---|---|
| S-ILS 4R # | 374/40 | 356 (400-¾) | | |
| S-LOC 4R # | 440/40 | 422 (500-¾) | | |

036° 5.1 NM from FAF

TDZ/CL Rwys 4R, 15R and 33L
REIL Rwys 4L, 27 and 32
MIRL Rwy 15L-33R
HIRL Rwys 4L-22R, 4R-22L, 14-32, 15R-33L and 9-27

FAF to MAP 5.1 NM

| Knots | 60 | 90 | 120 | 150 | 180 |
|---|---|---|---|---|---|
| Min:Sec | 5:06 | 3:24 | 2:33 | 2:02 | 1:42 |

NE-1, 07 FEB 2013 to 07 MAR 2013