

BOSTON
112.7 BOS
Chan 74
N42°21.45' - W70°59.37'

NOTE: Chart not to scale.

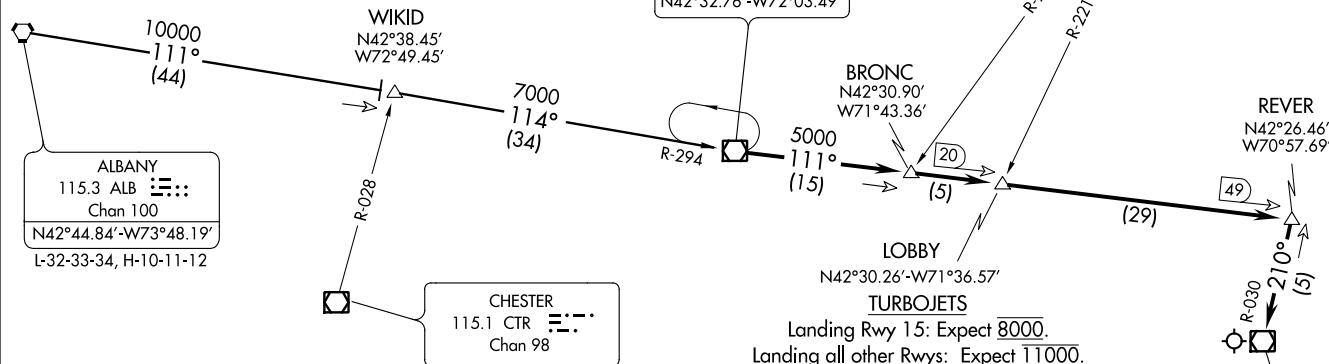
MANCHESTER
114.4 MHT
Chan 91

Z

ATIS
135.0
BOSTON APP CON
118.25 263.1

GARDNER FOUR ARRIVAL
(GDM.GDMA) 14093

NOTE: Radar required.



ARRIVAL ROUTE DESCRIPTION

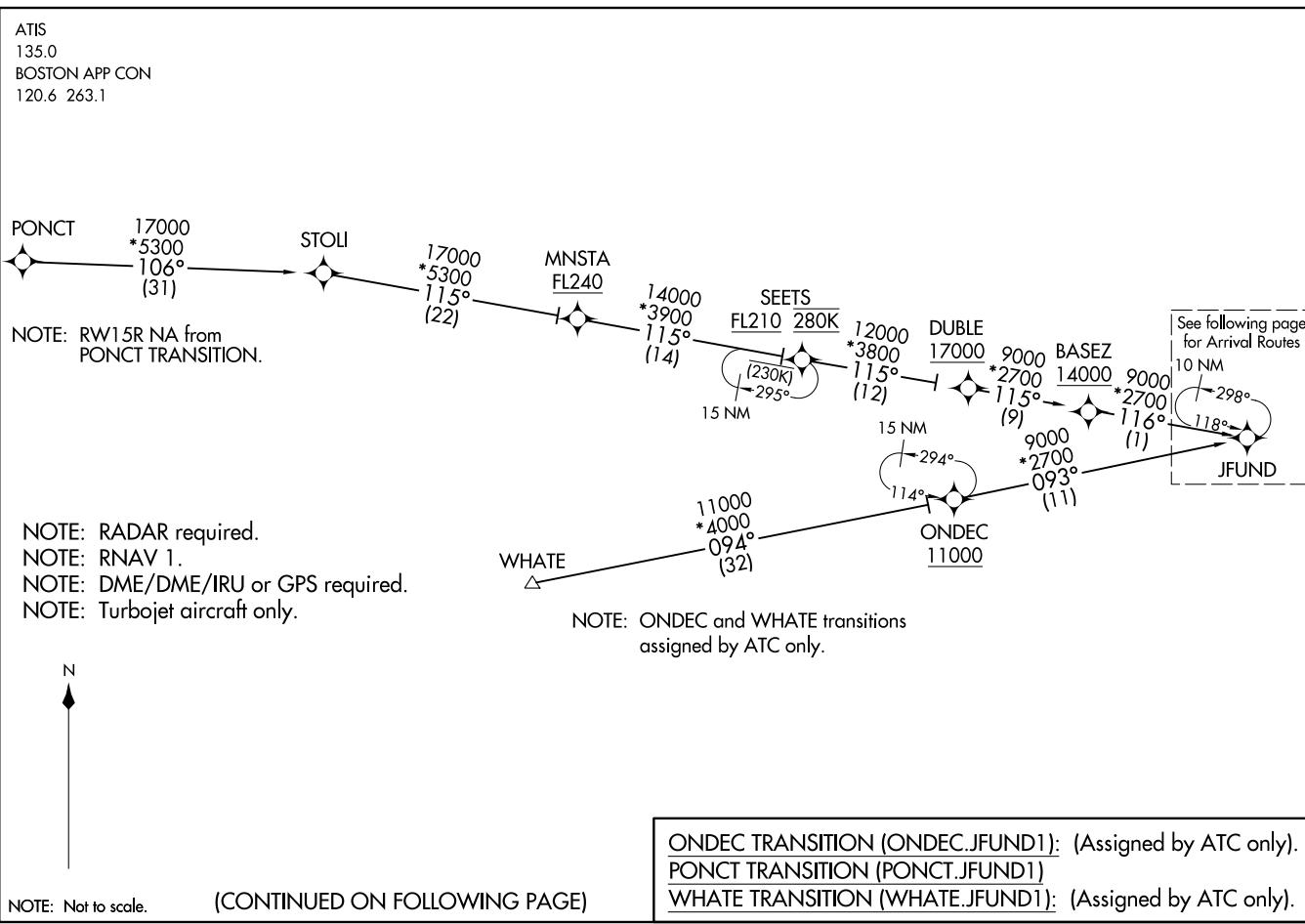
ALBANY TRANSITION (ALB.GDM4): From over ALB VORTAC on ALB R-111 to WIKID INT, then on GDM R-294 to GDM VOR/DME Thence....

....From over GDM VOR/DME on GDM R-111 to BRONC INT, then to LOBBY INT, then to REVER INT, then on BOS R-030 to BOS VOR/DME. Expect radar vectors to final approach course prior to BOS VOR/DME.

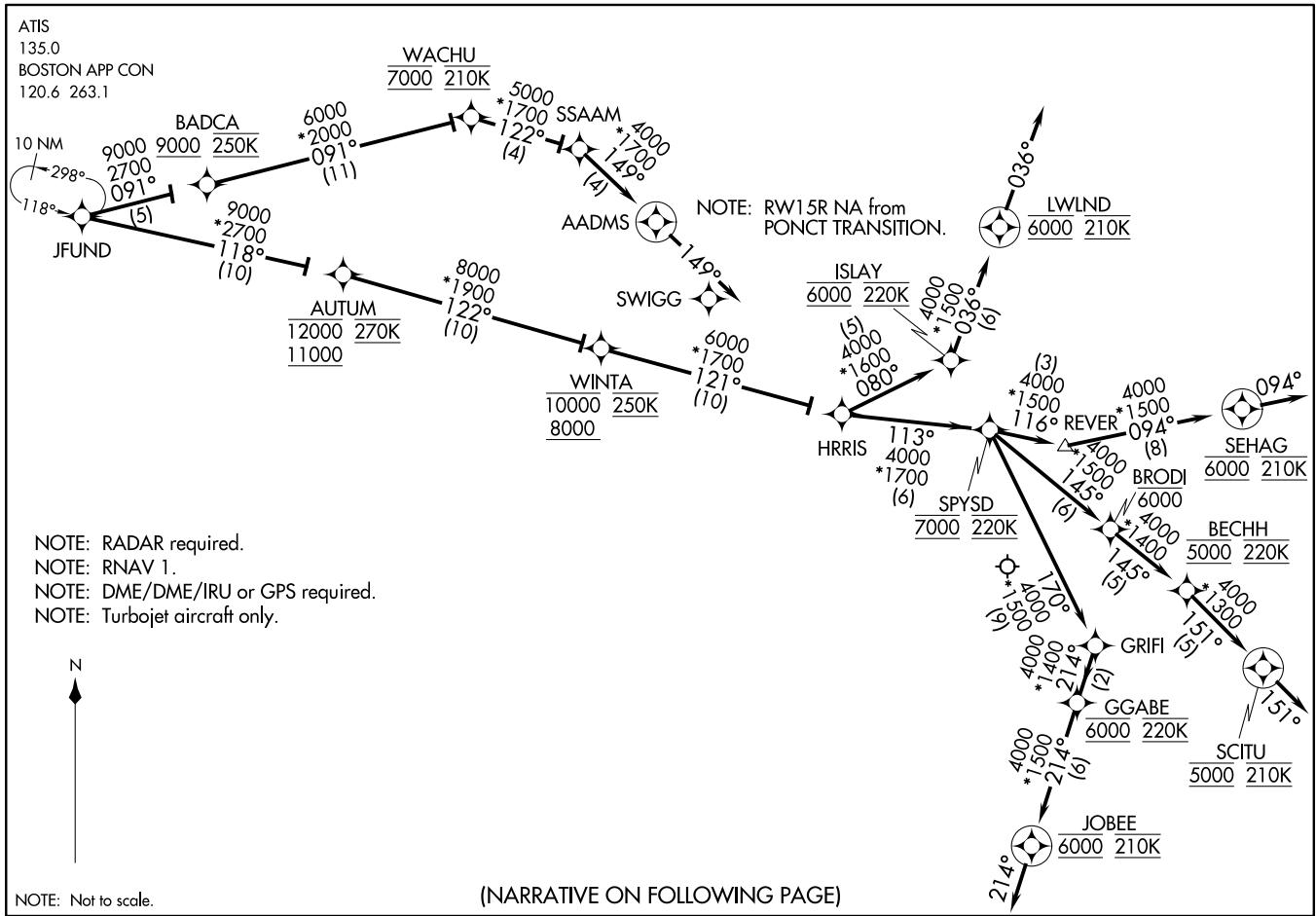
JFUND ONE ARRIVAL (RNAV) Transition Routes

ATIS
135.0
BOSTON APP CON
120.6 263.1

JFUND ONE ARRIVAL (RNAV) Transition Routes
(JFUND,JFUND1) 26MAY16



JFUND ONE ARRIVAL (RNAV) Arrival Routes
(JFUND,JFUND1) 26MAY16



GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

BOSTON, MASSACHUSETTS
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

ARRIVAL ROUTE DESCRIPTION

LANDING RUNWAY 4R/L: From JFUND on track 118° to cross AUTUM between 11000 and 12000 and at 270K, then on track 122° to cross WINTA between 8000 and 10000 and at 250K, then on track 121° to HRRIS, then on track 113° to cross SPYSD at 7000 and at 220K, then on track 170° to GRIFI, then on track 214° to cross GGABE at 6000 and at 220K, then on track 214° to cross JOBEE at 6000 and at 210K, then on track 214°. Expect RADAR vectors to final approach course.

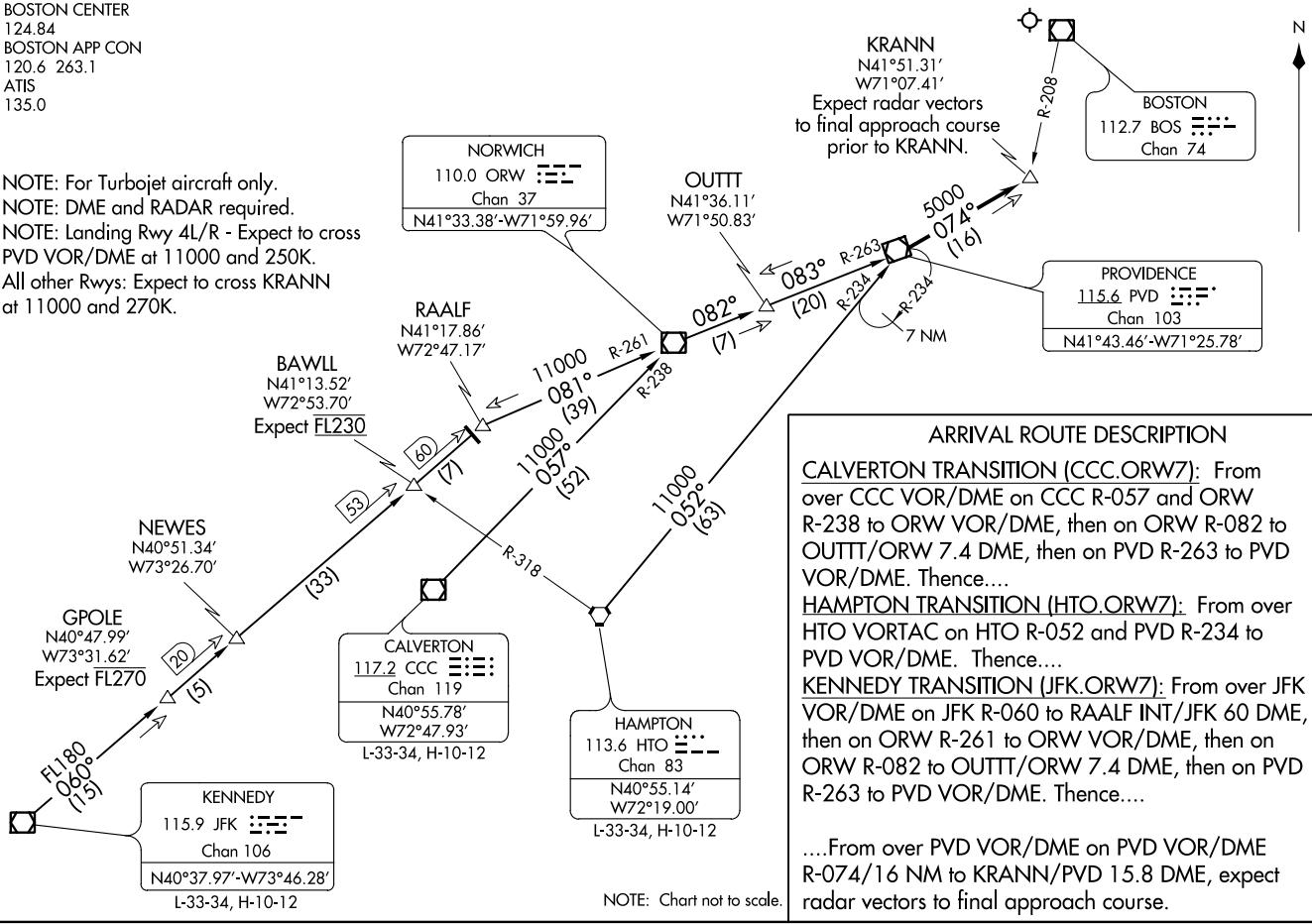
LANDING RUNWAY 15R: From JFUND on track 091° to cross BADCA at or above 9000 and at 250K, then on track 091° to cross WACHU at 7000 and at 210K, then on track 122° to SSAAM, then on track 149° to AADMS, then on track 149°. Expect RADAR vectors to final approach course.

LANDING RWY 22R/L: From JFUND on track 118° to cross AUTUM between 11000 and 12000 and at 270K, then on track 122° to cross WINTA between 8000 and 10000 and at 250K, then on track 121° to HRRIS, then on track 080° to cross ISLAY at 6000 and at 220K, then on track 036° to cross LWLND at 6000 and at 210K, then on track 036°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 27: From JFUND on track 118° to cross AUTUM between 11000 and 12000 and at 270K, then on track 122° to cross WINTA between 8000 and 10000 and at 250K, then on track 121° to HRRIS, then on track 113° to cross SPYSD at 7000 and at 220K, then on track 116° to REVER, then on track 094° to cross SEHAG at 6000 and at 210K, then on track 094°. Expect RADAR vectors to final approach course.

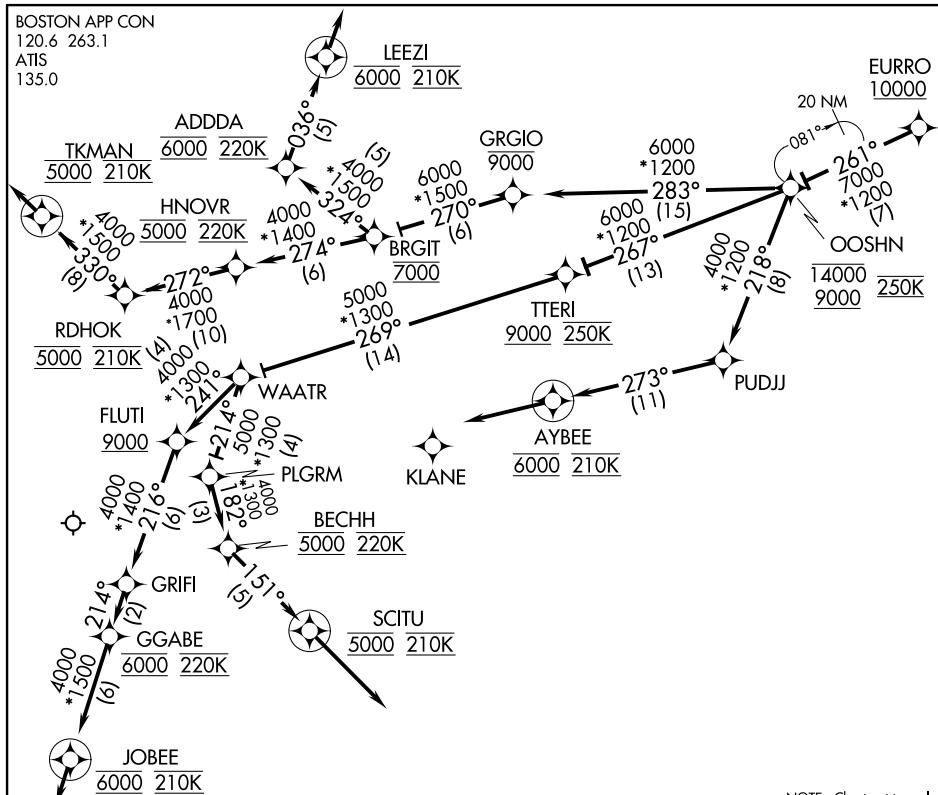
LANDING RUNWAYS 32, 33L: From JFUND on track 118° to cross AUTUM between 11000 and 12000 and at 270K, then on track 122° to cross WINTA between 8000 and 10000 and at 250K, then on track 121° to HRRIS, then on track 113° to cross SPYSD at 7000 and at 220K, then on track 145° to cross BRODI at or below 6000, then on track 145° to cross BECHH at 5000 and at 220K, then on track 151° to cross SCITU at 5000 and at 210K, then on track 151°. Expect RADAR vectors to final approach course.

(ORW,ORW7) 16203
NORWICH SEVEN ARRIVALGENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
ST-58 (FAA)
BOSTON, MASSACHUSETTSBOSTON CENTER
124.84
BOSTON APP CON
120.6 263.1
ATIS
135.0

NOTE: For Turbojet aircraft only.
NOTE: DME and RADAR required.
NOTE: Landing Rwy 4L/R - Expect to cross PVD VOR/DME at 11000 and 250K.
All other Rwy's: Expect to cross KRANN at 11000 and 270K.NORWICH SEVEN ARRIVAL
(ORW,ORW7) 21JUL16BOSTON CENTER
124.84
BOSTON APP CON
120.6 263.1
ATIS
135.0NOTE: For Turbojet aircraft only.
NOTE: DME and RADAR required.
NOTE: Landing Rwy 4L/R - Expect to cross PVD VOR/DME at 11000 and 250K.
All other Rwy's: Expect to cross KRANN at 11000 and 270K.

OOSHNA FOUR ARRIVAL (RNAV) Arrival Routes

BOSTON, MASSACHUSETTS



ARRIVAL ROUTE DESCRIPTION

From EURRO on track 261° to cross OOSHNA between 9000 and 14000 and at 250K.

Landing Rwy 4L/R: From OOSHNA on track 267° to cross TTERI at or above 9000 and at 250K, then on track 269° to WAATR, then on track 241° to cross FLUTI at or above 9000, then on track 216° to GRIFI, then on track 214° to cross GGABE at 6000 and at 220K, then on track 214° to cross JOBEE at 6000 and at 210K, then on track 214°. Expect RADAR vectors to final approach course.

Landing Rwy 15R: From OOSHNA on track 283° cross GRGIO at or below 9000, then on track 270° to cross BRGIT at 7000, then on track 274° to cross HNOVR at 5000 and at 220K, then on track 272° to cross RDHOK at 5000 and at 210K, then on track 330° to cross TKMAN at 5000 and at 210K, then on track 330°. Expect RADAR vectors to final approach course.

Landing Rwy 22L/R: From OOSHNA on track 283° to cross GRGIO at or below 9000, then on track 270° to cross BRGIT at 7000, then on track 324° to cross ADDDA at 6000 and at 220K, then on track 036° to cross LEEZI at 6000 and at 210K, then on track 036°. Expect RADAR vectors to final approach course.

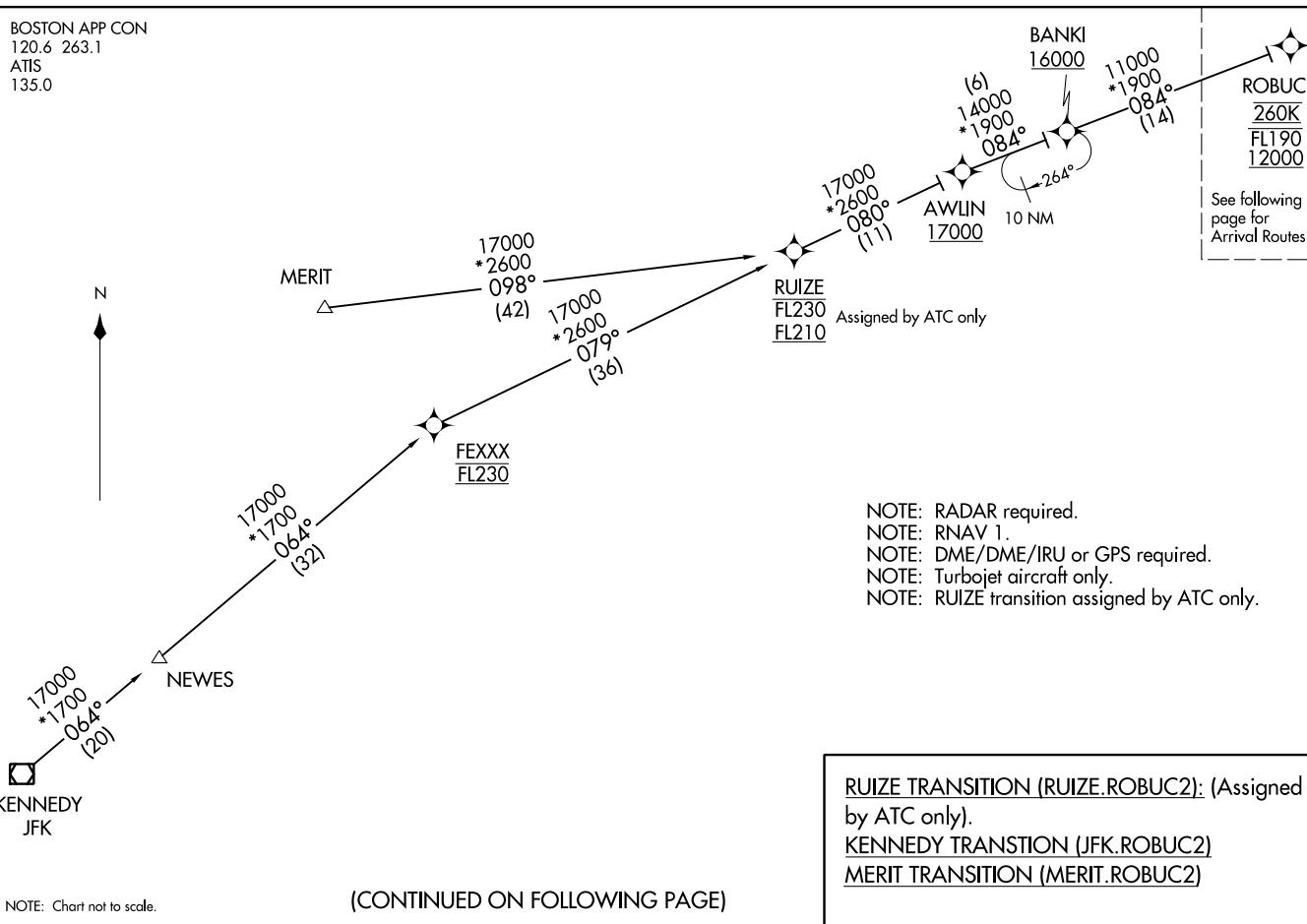
Landing Rwy 27: From OOSHNA on track 218° to PUDJJ, then on track 273° to cross AYBEE at 6000 and at 210K, then on track 273°. Expect RADAR vectors to final approach course.

Landing Rwy 32, 33L: From OOSHNA on track 267° to cross TTERI at or above 9000 and at 250K, then on track 269° to WAATR, then on track 214° to PLGRM, then on track 182° to cross BECHH at 5000 and at 220K, then on track 151° to cross SCITU at 5000 and at 210K, then on track 151°. Expect RADAR vectors to final approach course.

OOSHNA FOUR ARRIVAL (RNAV) Arrival Routes

BOSTON, MASSACHUSETTS

**ROBUC TWO ARRIVAL (RNAV) Transition Routes
(ROBUC, ROBUCC) 26MAY16**



(ROBUC.ROBUC2) 16147
ROBUC TWO ARRIVAL (RNAV) Transition Routes

ST-58 (FAA)
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

BOSTON, MASSACHUSETTS

(CONTINUED ON FOLLOWING PAGE)

(ROBUC.ROBUC2) 16147

ST-58 (FAA)

ROBUC TWO ARRIVAL (RNAV) Arrival Routes

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

BOSTON, MASSACHUSETTS

BOSTON APP CON
120.6 263.1
ATIS
135.0

NOTE: RADAR required.

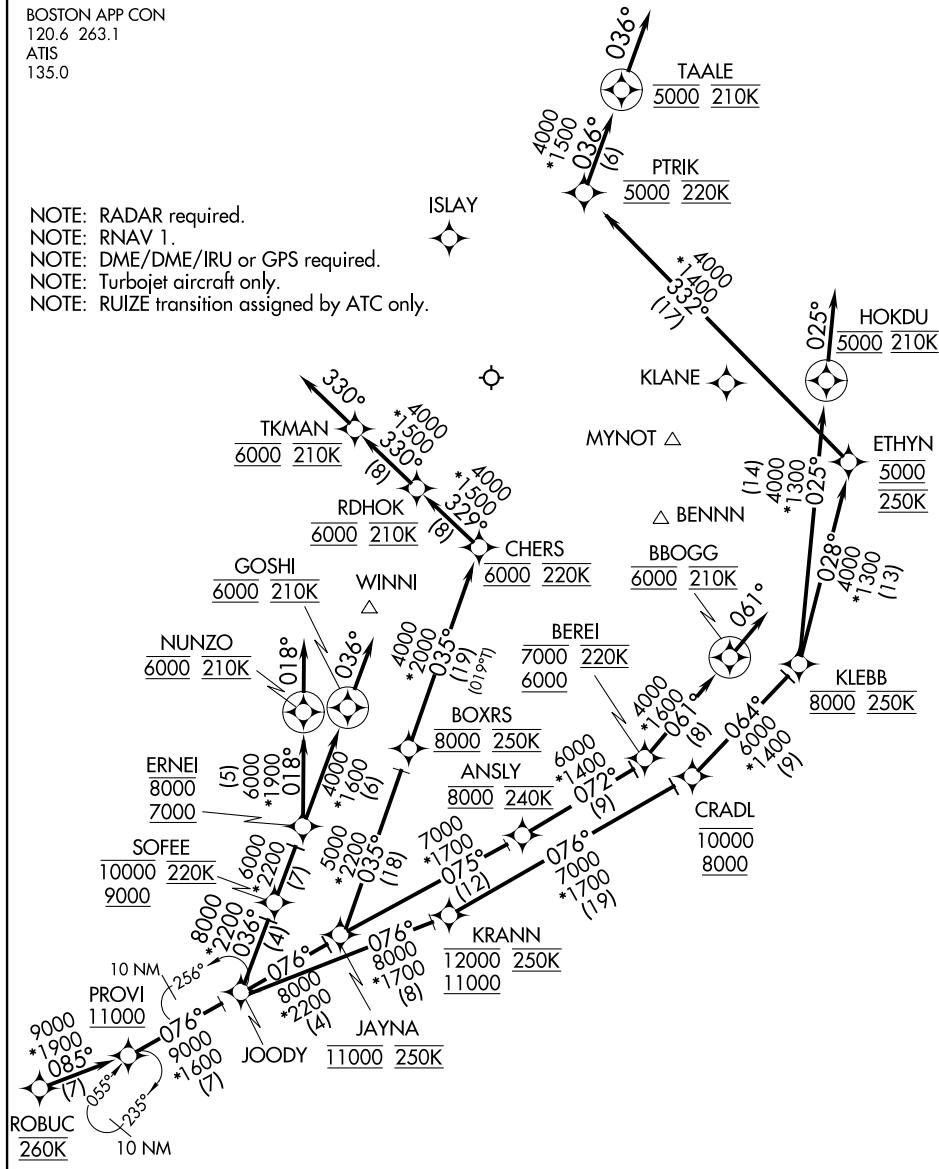
NOTE: RNAV 1.

NOTE: DME/DME/IRU or GPS required.

NOTE: Turbojet aircraft only.

NOTE: RUIZE transition assigned by ATC only.

NE-1, 10 NOV 2016 to 08 DEC 2016



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

ROBUC TWO ARRIVAL (RNAV) Arrival Routes

(ROBUC.ROBUC2) 26MAY16

BOSTON, MASSACHUSETTS

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

NE-1, 10 NOV 2016 to 08 DEC 2016

ROBUC TWO ARRIVAL (RNAV)

ARRIVAL ROUTE DESCRIPTION

From ROBUC on track 085° to cross PROVI at or above 11000 then on track 076° to JOODY. Then on assigned Runway transition.

LANDING RWY 04L: from JOODY on track 036° to cross SOFEE between 9000 and 10000 and at 220K, then on track 036° to cross ERNEI between 7000 and 8000, then on track 018° to cross NUNZO at 6000 and at 210K, then on track 018°.

Expect RADAR vectors to final approach course.

LANDING RWY 04R: from JOODY on track 036° to cross SOFEE between 9000 and 10000 and at 220K, then on track 036° to cross ERNEI between 7000 and 8000, then on track 036° to cross GOSHI at 6000 and at 210K, then on track 036°.

Expect RADAR vectors to final approach course.

LANDING RWY 15R: from JOODY on track 076° to cross JAYNA at 11000 and at 250K, then on track 035° to cross BOXRS at 8000 and at 250K, then on track 035° to cross CHERS at 6000 and at 220K, then on track 329° to cross RDHOK at 6000 and at 210K, then on track 330° to cross T KMAN at 6000 and at 210K, then on track 330°.

Expect RADAR vectors to final approach course.

LANDING RWYs 22R, 22L: from JOODY on track 076° to cross KRANN between 11000 and 12000 and at 250K, then on track 076° to cross CRADL between 8000 and 10000, then on track 064° to cross KLEBB at 8000 and at 250K, then on track 028° to cross ETHYN at 5000 and at 250K, then on track 332° to cross PTRIK at 5000 and at 220K, then on track 036° to cross TAALE at 5000 and at 210K, then on track 036°.

Expect RADAR vectors to final approach course.

LANDING RWY 27: from JOODY on track 076° to cross KRANN between 11000 and 12000 and at 250K, then on track 076° to cross CRADL between 8000 and 10000, then on track 064° to cross KLEBB at 8000 and at 250K, then on track 025° to cross HOKDU at 5000 and at 210K, then on track 025°.

Expect RADAR vectors to final approach course.

LANDING RWYs 32, 33L: from JOODY on track 076° to cross JAYNA at 11000 and at 250K, then on track 075° to cross ANSLY at 8000 and at 240K, then on track 072° to cross BEREI between 6000 and 7000 and at 220K, then on track 061° to cross BBOGG at 6000 and at 210K, then on track 061°.

Expect RADAR vectors to final approach course.

(ORW.WOONS2) 16203

WOONS TWO ARRIVAL

ST-58 (FAA)

BOSTON, MASSACHUSETTS

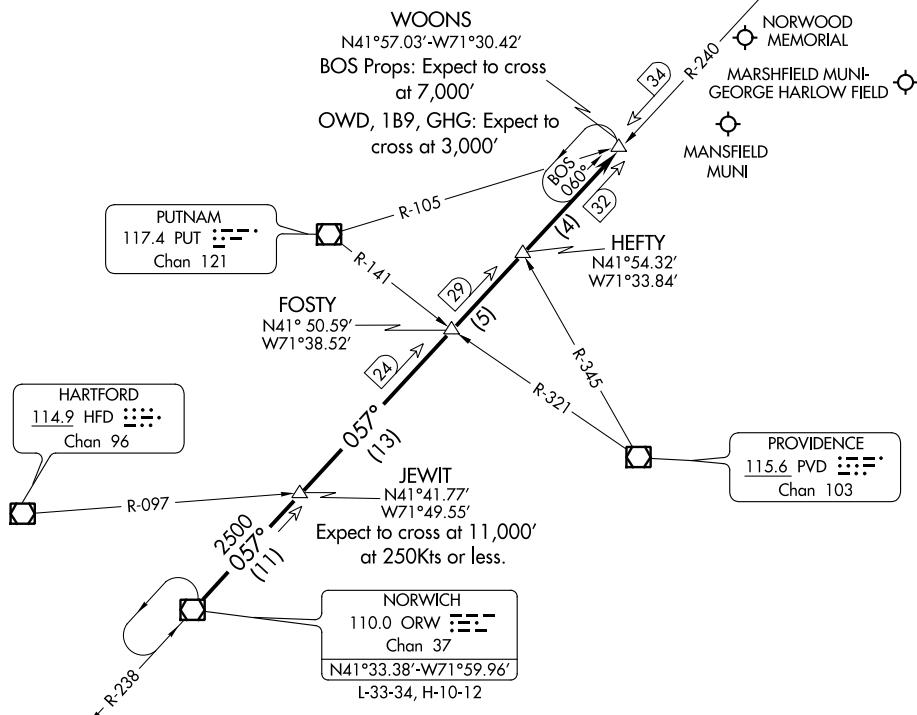
BOSTON ATIS ARR
135.0
NORWOOD ATIS
119.95
BOSTON APP CON
120.6 263.1

GENERAL EDWARD
LAWRENCE LOGAN INTL

BOSTON
112.7 BOS
Chan 74

NE-1 10 NOV 2016 to 08 DEC 2016

NE-1, 10 NOV 2016 to 08 DEC 2016



NOTE: Chart not to scale

NOTE: Applicable to props landing BOS and all aircraft landing OWD, 1B9 and GHG.

Applicable 11,000 feet and above.

From over ORW VOR/DME via ORW R-057 to WOONS INT. Expect radar vectors to final.

WOONS TWO ARRIVAL
(ORW.WOONS2) 21JUL16

BOSTON, MASSACHUSETTS

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

LOC/DME I-BOS 110.3 Chan 40	APP CRS 036°	Rwy Idg 8851 TDZE Apt Elev 18 20
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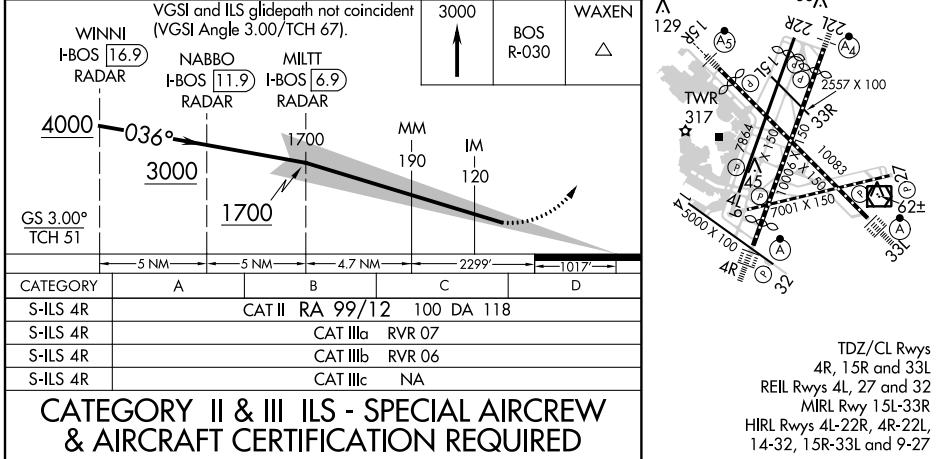
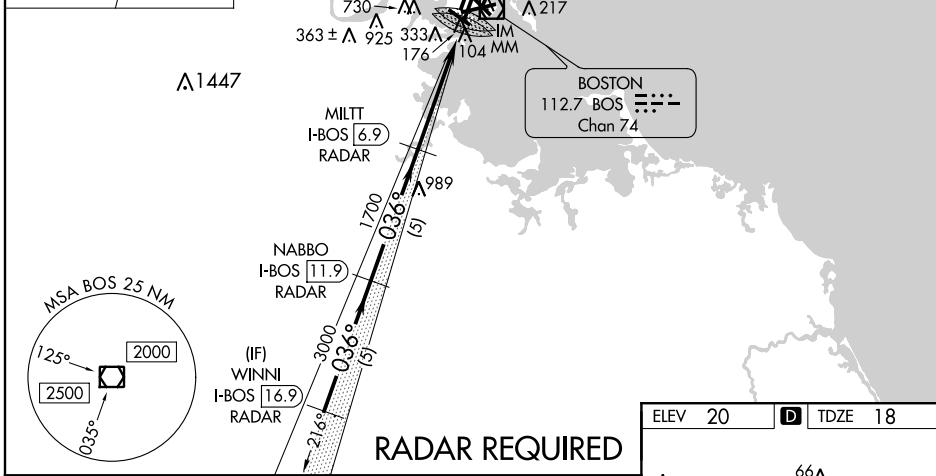
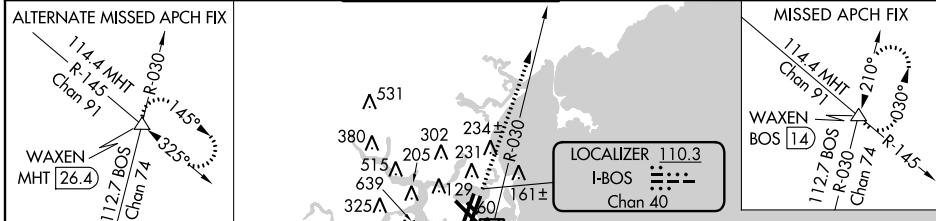
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

ILS RWY 4R (CAT II & III)

V When control tower reports tall vessels in approach area, procedure NA.	ALSF-2 (A)	MISSSED APPROACH: Climb to 3000 on BOS VOR/DME R-030 to WAXEN INT/ BOS 14 DME and hold.
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CAT II: RVR 1000 authorized with specific OPSPEC, MPSEC, or LOA approval and use of autoland or HUD to touchdown.

ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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BOSTON, MASSACHUSETTS

Amdt 10B 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

42°22'N-71°00'W

ILS RWY 4R (CAT II & III)

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

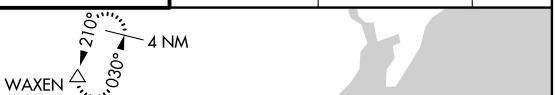
WAAS CH 69525 W33A	APP CRS 331°	Rwy Idg TDZE Apt Elev	10083 16 20
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GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

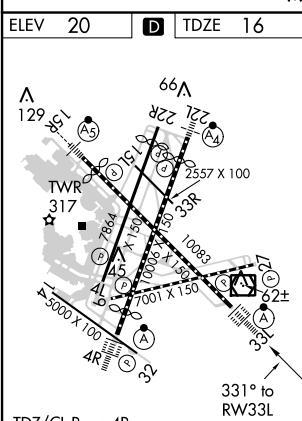
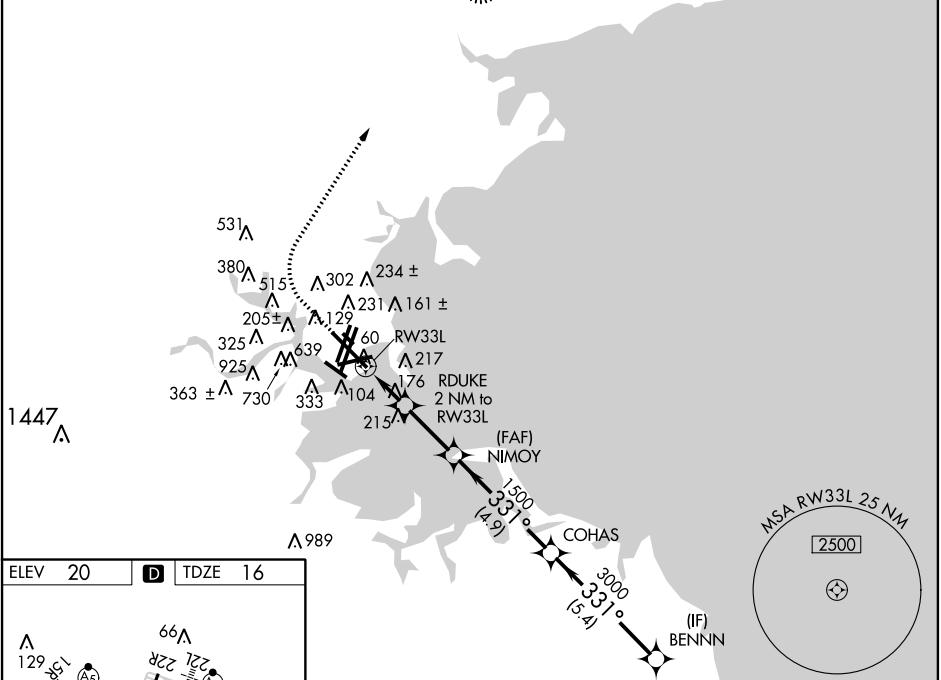
RNAV (GPS) RWY 33L

▼ DME/DME RNP-0.3 NA. Circling NA to Rwy 14. Circling NA for Cats C and D west of Rwy 4L and 15R. For uncompensated Baro-VNAV systems, INAV/VNAV NA below -14°C (7°F) or above 54°C (130°F).	ALSF-2 A	MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct WAXEN and hold.
ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8

RADAR REQUIRED



NE-1, 10 NOV 2016 to 08 DEC 2016



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

CATEGORY	GP 3.00° TCH 57			
	A	B	C	D
LPV DA	216/24	200 (200-½)		
LNAV/ VNAV DA		324/24	308 (400-½)	
LNAV MDA	440/24	424(500-½)	440/40	424 (500-¾)
CIRCLING	960-1¼ 940 (1000-1¼)	1060-1½ 1040 (1100-1½)	640-1¾ 620 (700-1¾)	640-2 620 (700-2)

BOSTON, MASSACHUSETTS
Amdt 2B 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N 71°00'W
RNAV (GPS) RWY 33L

NE-1, 10 NOV 2016 to 08 DEC 2016

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

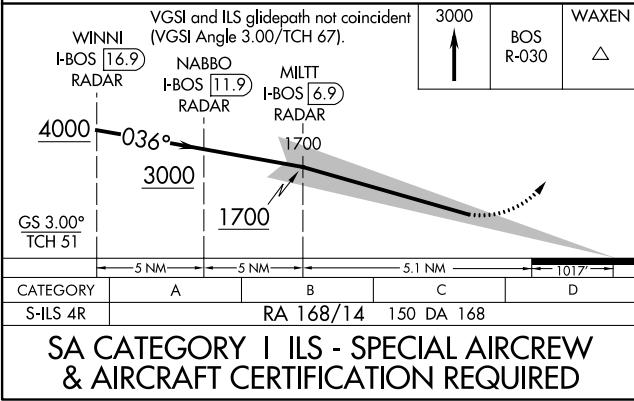
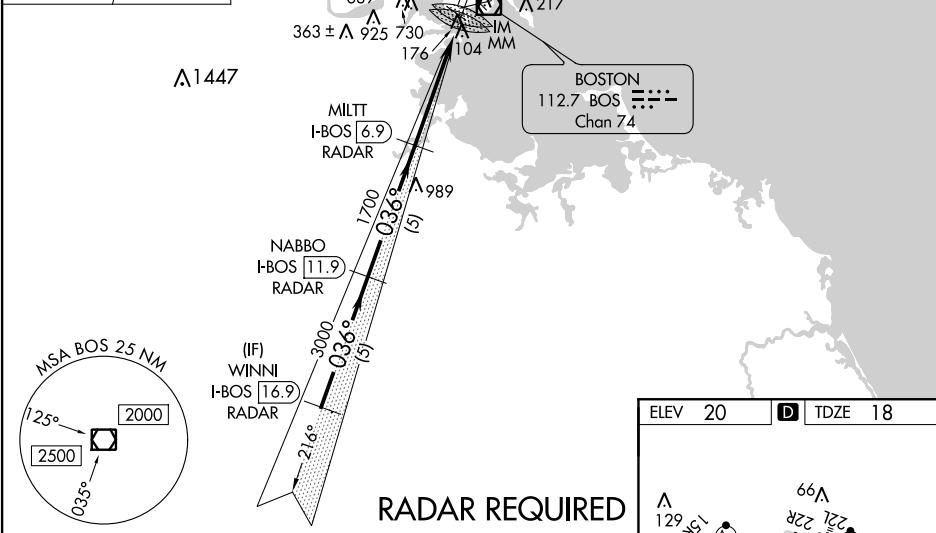
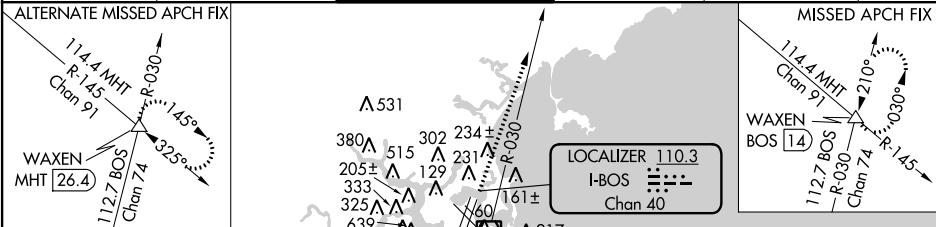
LOC/DME I-BOS	APP CRS	Rwy Idg	8851
110.3	036°	TDZE	18
Chan 40	Apt Elev		20

ILS RWY 4R (SA CAT I)

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

		When control tower reports tall vessels in approach area, procedure NA. Requires specific OPSPEC, MPSEC, or LOA approval and use of HUD to DH.	ALSF-2	MISSIED APPROACH: Climb to 3000 on BOS VOR/DME R-030 to WAXEN INT/BOS 14 DME and hold.
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ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N-71°00'W
ILS RWY 4R (SA CAT I)

BOSTON, MASSACHUSETTS

Amdt 10B 30APR15

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

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

RNAV (GPS) RWY 32
RD LAWRENCE LOGAN INTL (BOS)

BOSTON/GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

T A	DME/DME RNP-0.3 NA. Circling to Rwy 14 NA. Circling NA for Cats C and D west of Rwy 4L and 15R.			MISSIED APPROACH: Climb to 3000 direct WINDZ and on track 285° to TELLE and hold.		
ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC	

Final approach course offset 10.05°.

Procedure NA for arrivals at SCUPP on V167 northbound.

Procedure NA for arrivals at INNDY on V139-268 southwest bound.

Procedure NA for arrivals at DUNKK on V141 southeast bound.

Procedure NA for arrivals at WOONS on V3-16 southwest bound.

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

CATEGORY	A	B	C	D
LNAV MDA	820-1 800 (800-1)	820-1½ 800 (800-1½)	820-2½ 800 (800-2½)	
C CIRCLING	960-1¼ 940 (1000-1¼)	1060-1½ 1040 (1100-1½)	820-2½ 800 (800-2½)	

BOSTON, MASSACHUSETTS
Orig-F 30APR15

BOSTON/GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
12882N 711800W DMAX (GDS) DMAX 20

RNAV (GPS) RWY 32

LOC/DME I-BOS 110.3 Chan 40	APP CRS 036°	Rwy Idg 8851 18 Apt Elev 20
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ILS or LOC RWY 4R
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

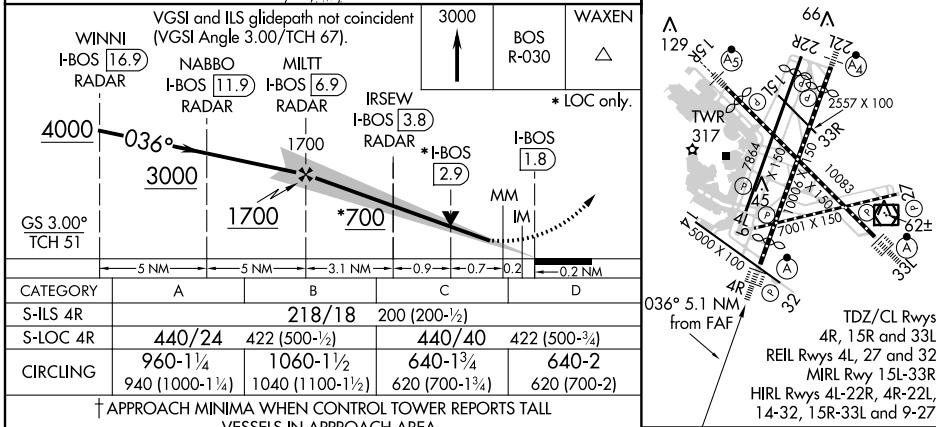
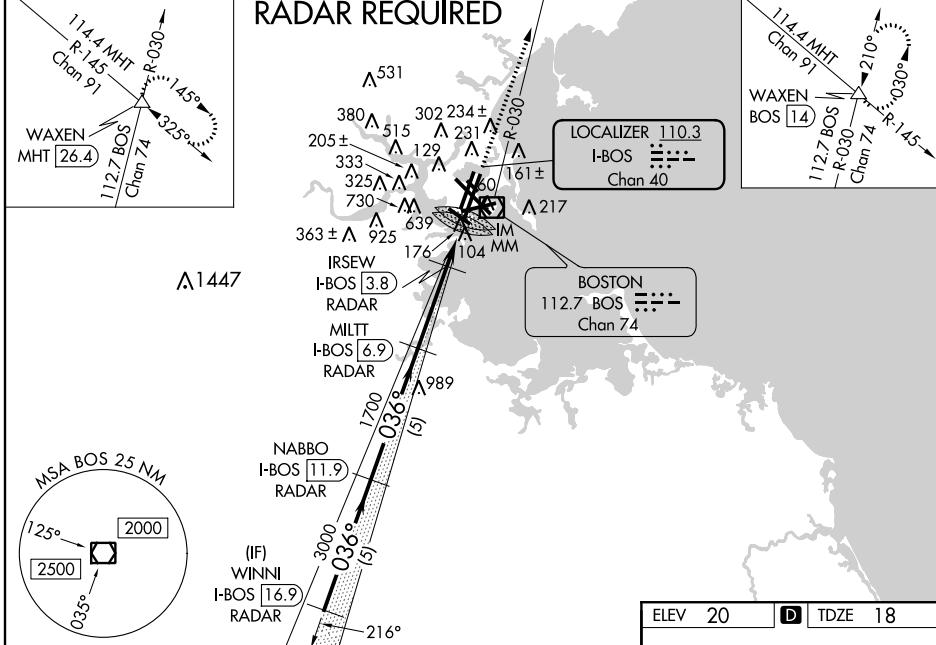
V Circling NA for Cats C and D west of Rwy 4L and 15R. Circling NA to Rwy 14.
 A # For inoperative ALSF, increase S-ILS 4R all Cats visibility to RVR 6000, and
 S-LOC 4R Cats A and B visibility RVR 5000; visibility reduction by helicopters NA.
 † When vessels taller than 144 feet present, S-ILS 4R NA.



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

ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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ALTERNATE MISSED APCH FIX MISSED APCH FIX



S-ILS 4R #	374/40	356 (400-3/4)
S-LOC 4R #	440/40	422 (500-3/4)

Knots 60 90 120 150 180

Min:Sec 5:06 3:24 2:33 2:02 1:42

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

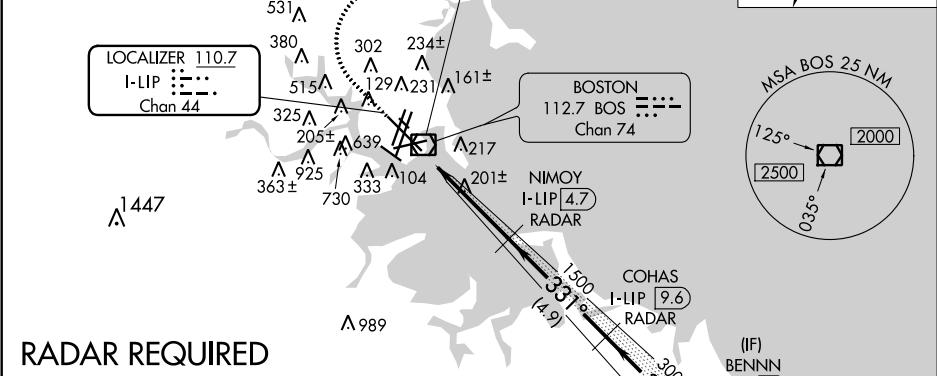
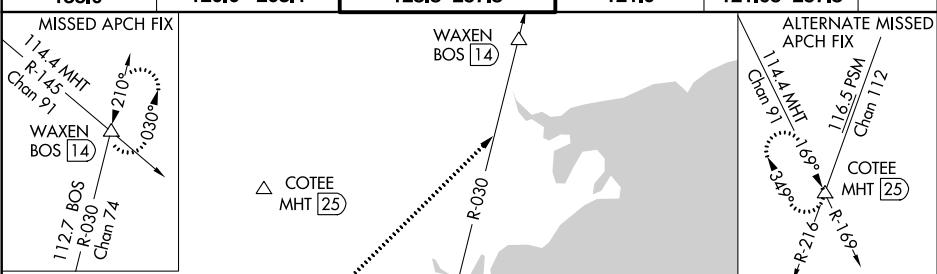
LOC/DME I-LIP	APP CRS	Rwy Idg	10083
110.7	331°	TDZE	16
Chan 44		Apt Elev	20

ILS RWY 33L (CAT II & III)

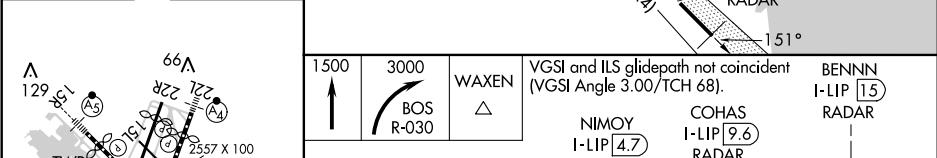
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

V DME or Radar required.	MALSR	MISSIED APPROACH: Climb to 1500 then climbing right turn to 3000 on BOS VOR/DME R-030 to WAXEN INT/BOS 14 DME and hold.
A CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.		

ATIS	BOSTON APP CON	BOSTON TOWER	GND CON	CLNC DEL	CPDLC
135.0	120.6 263.1	128.8 257.8	121.9	121.65 257.8	

**RADAR REQUIRED**

ELEV	20	D	TDZE	16
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TDZ/CL Rwy 4R, 15R and 33L
REIL Rwy 4L, 15L and 33L
MIRL Rwy 15L-33R
HIRL Rwy 4L-22R, 4R-22L,
14-32, 15R-33L and 9-27

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

BOSTON, MASSACHUSETTS
Amdt 5C 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N 71°00'W **ILS RWY 33L (CAT II & III)**

NE-1, 10 NOV 2016 to 08 DEC 2016

NE-1, 10 NOV 2016 to 08 DEC 2016

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

WAAS CH 42925 W15A	APP CRS 151°	Rwy Idg TDZE Apt Elev	9202 17 20
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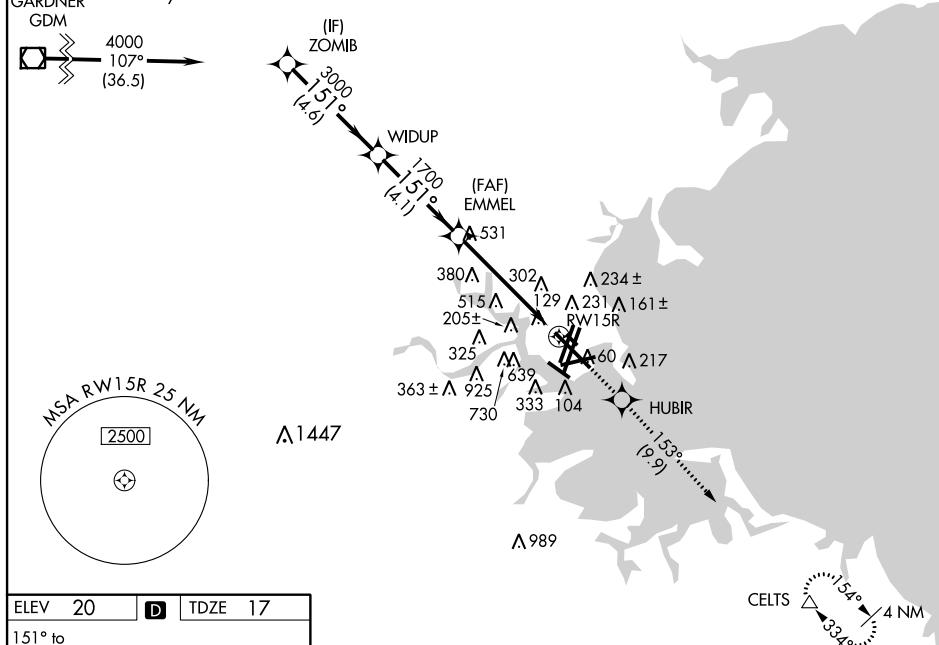
RNAV (GPS) RWY 15R
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

T DME/DME RNP-0.3 NA. Circling NA to Rwy 14. Circling NA for Cats C and D west of Rwy 4L and 15R. For inoperative MALSR, increase LNAV Cats C and D visibility to 1 1/4 mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 43°C (109°F).

R MISSED APPROACH: Climb to 3000 direct HUBIR and on track 153° to CELTS and hold.

ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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(IAF) Procedure NA for arrival on GDM VOR/DME
GARDNER airway radials 042 CW 191.



VGSI and RNAV glidepath not coincident
(VGSI Angle 3.00/TCH 71).

ZOMIB

4000 751° 3000 1700 *1.7 NM to RW15R

WIDUP 3000 1700 RW15R

EMMEL 1700

GP 3.00°
TCH 60°

4.6 NM 4.1 NM 3.4 NM 1.7 NM

CATEGORY	A	B	C	D
LPV DA	217/24 200 (200-½)			
LNAV/ VNAV DA	567-1½ 550 (600-½)			
LNAV MDA	620/24 603 (600-½)	620-1½ 603 (600-½)		
CIRCLING	960-1¼ 940 (1000-½)	1060-1½ 1040 (1100-½)	640-1¾ 620 (700-¾)	640-2 620 (700-2)

*LNAV only.

BOSTON MASSACHUSETTS

Amdt 1C 30APP15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N-71°00'W **RNAV (GPS) RWY 15R**

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

LOC/DME I-LQN 110.3 Chan 40	APP CRS 216° Apt Elev	Rwy Idg 8806 16 20
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ILS or LOC RWY 22L

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

V DME or Radar required.
 A Circling NA for Cats C and D west of Rwy 4L and 15R.
 Circling NA to Rwy 14.
 For inoperative MALSF, increase S-LOC 22L Cat D visibility to 1½ mile.



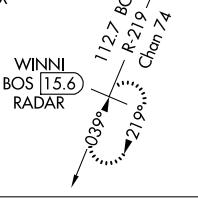
MISSIED APPROACH: Climb to 3000
 on BOS VOR/DME R-219 to WINNI/
 BOS 15.6 DME/RADAR and hold.

ATIS
135.0BOSTON APP CON
120.6 263.1BOSTON TOWER
128.8 257.8GND CON
121.9CLNC DEL
121.65 257.8

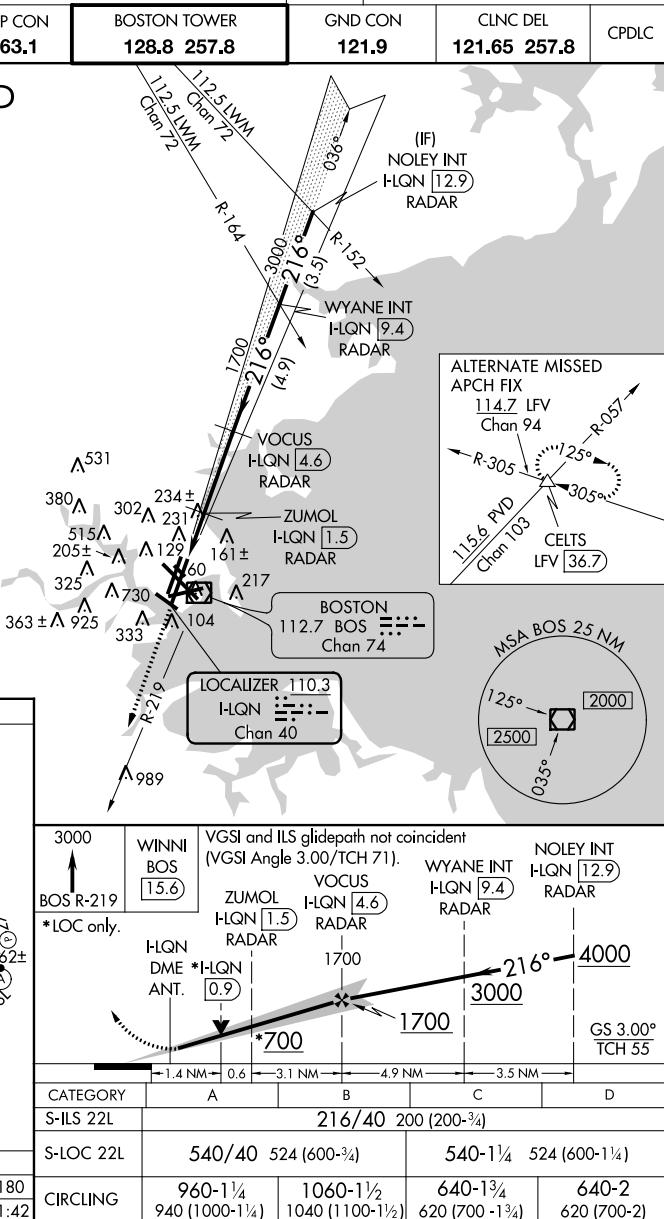
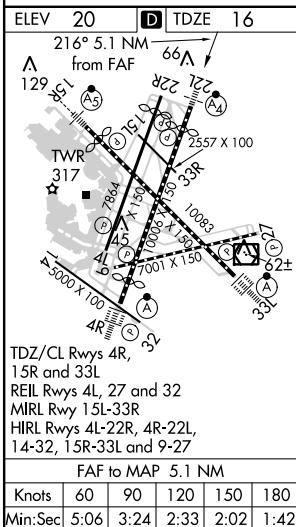
CPDLC

RADAR REQUIRED

MISSIED APCH FIX



A 1447



BOSTON, MASSACHUSETTS

Amdt 8B 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N 71°00'W

ILS or LOC RWY 22L

LOC/DME I-MDC 110.7 Chan 44	APP CRS 150°	Rwy Idg 9202 TDZE 17 Apt Elev 20
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ILS or LOC/DME RWY 15R

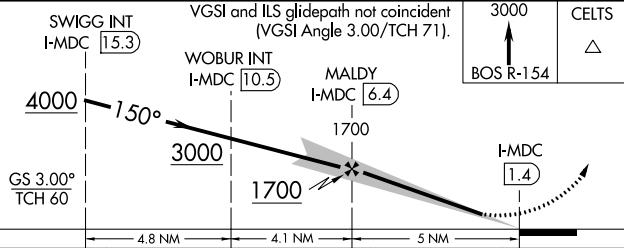
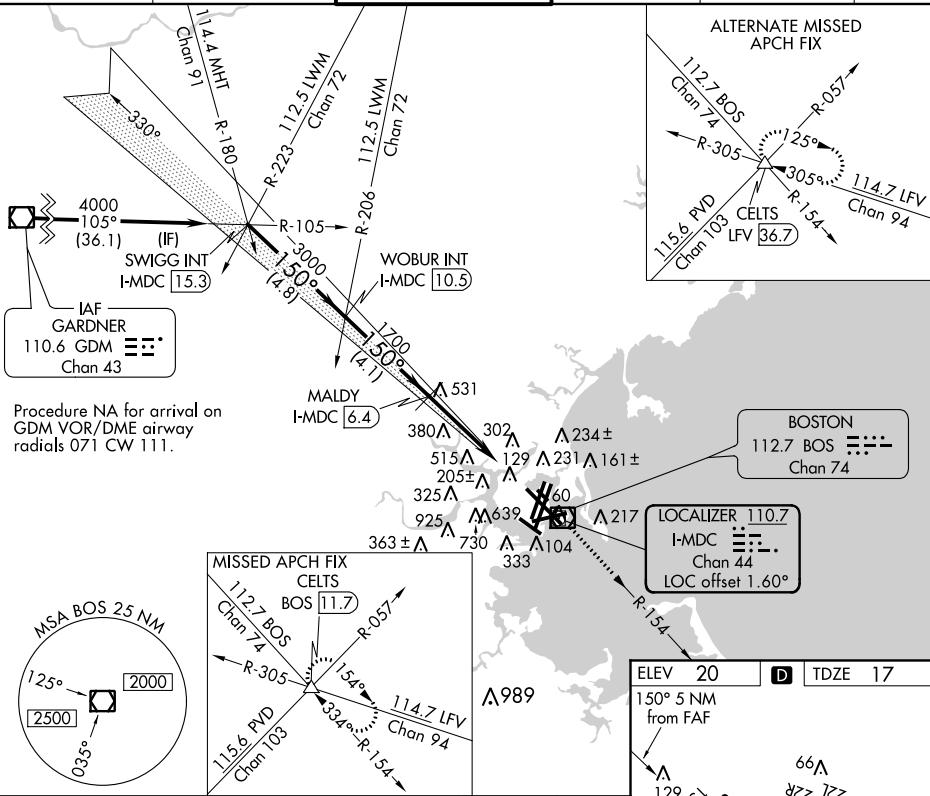
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

V Circling NA for Cats C and D west of Rwy 4L and 15R.
 A Circling NA to Rwy 14.



MISSSED APPROACH: Climb to 3000 on BOS VOR/DME R-154 to CELTS INT/BOS 11.7 DME and hold.

ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

WAAS CH 45925 W22A	APP CRS 216°	Rwy Idg TDZE Apt Elev	8806 16 20
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RNAV (GPS) RWY 22L

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

▼ DME/DME RNP-0.3 NA. Circling NA to Rwy 14. Circling NA for Cats C and D west of Rwy 4L and 15R. For inoperative MALSF, increase LNAV/VNAV Cat D visibility to RVR 6000 and LNAV Cat D visibility to 1½ mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 43°C (109°F).

▲ MALSF (A4)
MISSIED APPROACH: Climb to 3000 direct WINNI and hold.

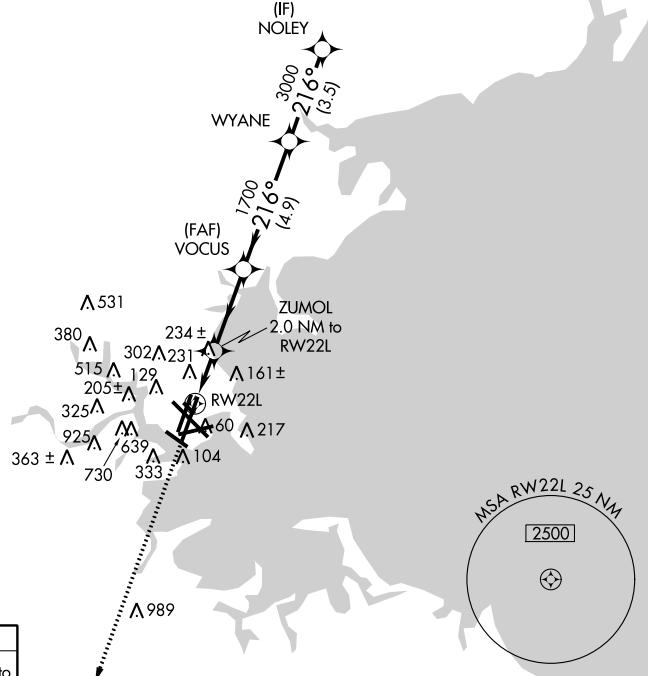
ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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RADAR REQUIRED

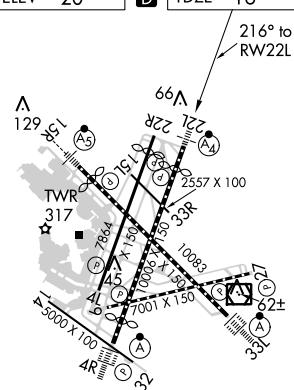
MISSED APCH FIX



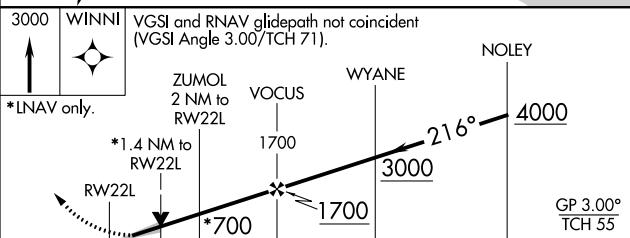
A1447



ELEV 20 D TDZE 16



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



CATEGORY	A	B	C	D
LPV DA		216/40 200 (200-¾)		
LNAV/VNAV DA		392/50 376 (400-1)		
LNAV MDA	540/40 524 (600-¾)		540-1¼ 524 (600-1¼)	
CIRCLING	960-1¼ 940 (1000-1¼)	1060-1½ 1040 (1100-1½)	640-1¾ 620 (700-1¾)	640-2 620 (700-2)

BOSTON, MASSACHUSETTS

Amdt 1B 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N 71°00'W

RNAV (GPS) RWY 22L

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

LOC/DME I-DGU 111.3 Chan 50	APP CRS 273°	Rwy Idg 7000 TDZE 17 Apt Elev 20
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ILS or LOC RWY 27
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

▼ *Radar or DME required.

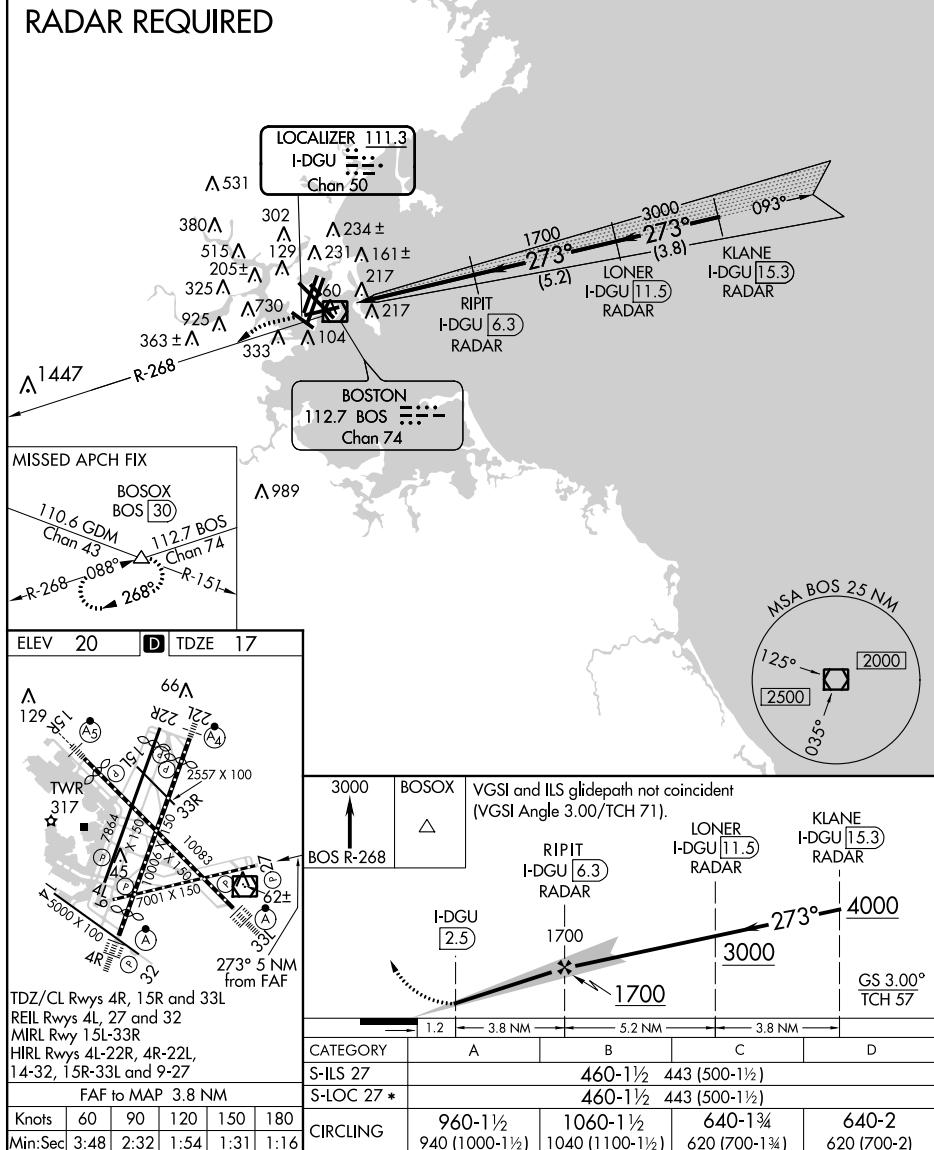
▲ Circling to Rwy 14 NA.
Circling NA for Cats C and D west of Rwy 4L and 15R.

MISSIED APPROACH: Climb to 3000 via BOS VORTAC R-268 to BOSOX INT/BOS 30 DME and hold.

ATIS
135.0BOSTON APP CON
120.6 263.1BOSTON TOWER
128.8 257.8GND CON
121.9CLNC DEL
121.65 257.8

CPDLC

RADAR REQUIRED



TDZ/CL Rwy 4R, 15R and 33L

REIL Rwy 4L, 27 and 32

MIRL Rwy 15L-33R

HIRL Rwy 4L-22R, 4R-22L,

14-32, 15R-33L and 9-27

FAF to MAP 3.8 NM

Knots 60 90 120 150 180

Min:Sec 3:48 2:32 1:54 1:31 1:16

BOSTON, MASSACHUSETTS

Amdt 2C 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N-71°00'W

ILS or LOC RWY 27

BOSTON, MASSACHUSETTS

AL-58 (FAA)

16315

VOR/DME BOS 112.7 Chan 74	APP CRS 310°	Rwy Idg N/A	TDZE N/A	N/A 20
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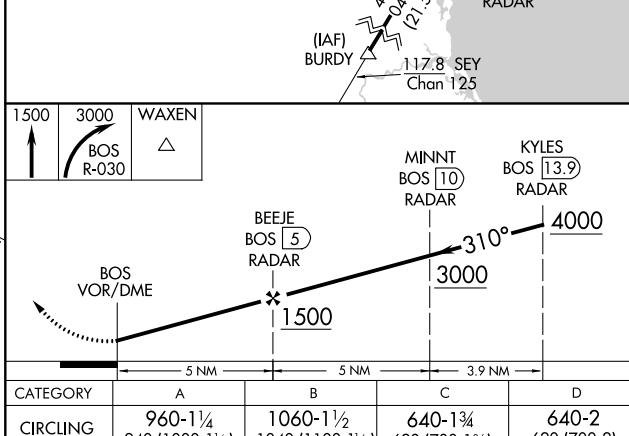
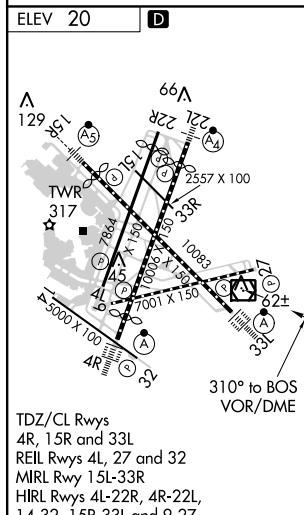
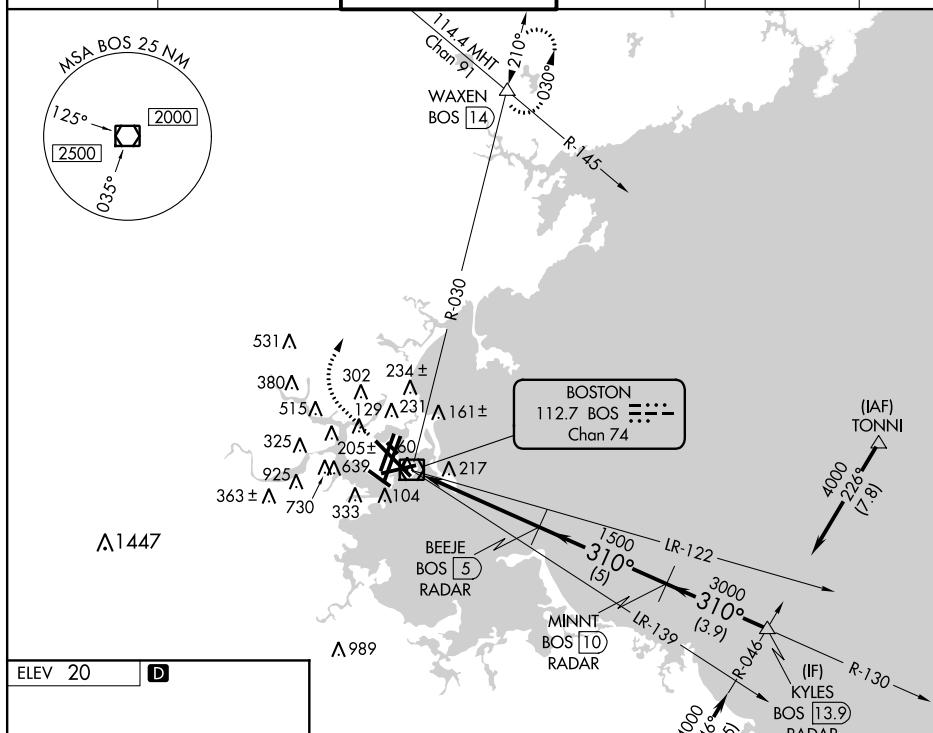
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

VOR/DME-A

- T Circling NA to Rwy 14.
 A Circling NA for Cats C and D west of Rwy 4L and 15R.

MISSSED APPROACH: Climb to 1500 then climbing right turn to 3000 on BOS VOR/DME R-030 to WAXEN INT/BOS 14 DME and hold.

ATIS 135.0	BOSTON APP CON 120.6 263.1	BOSTON TOWER 128.8 257.8	GND CON 121.9	CLNC DEL 121.65 257.8	CPDLC
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BOSTON, MASSACHUSETTS

Amdt 1B 30APR15

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
42°22'N-71°00'W

VOR/DME-A

WAAS CH 50124 W04A	APP CRS 036°	Rwy Idg TDZE Apt Elev	8851 18 20
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RNAV (GPS) RWY 4R

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

▼ DME/DME RNP-0.3 NA. Circling NA to RW 14. Circling NA for Cats C and D west of Rwy 4L and 15R. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 43°C (109°F). When control tower reports tall vessels in approach area: increase LPV DA to 374 and all Cats visibility to RVR 4000, increase LNAV Cats A and B visibility to RVR 4000; for inoperative ALSF, increase LPV all Cats visibility to RVR 6000 and LNAV Cats A and B visibility to RVR 5000; visibility reduction by helicopters NA. When vessels taller than 144 feet present, LPV and LNAV/VNAV NA.



MISSSED APPROACH:
Climb to 3000 direct OMVOZ and on track 033° to WAXEN and hold.

ATIS
135.0

BOSTON APP CON
120.6 263.1

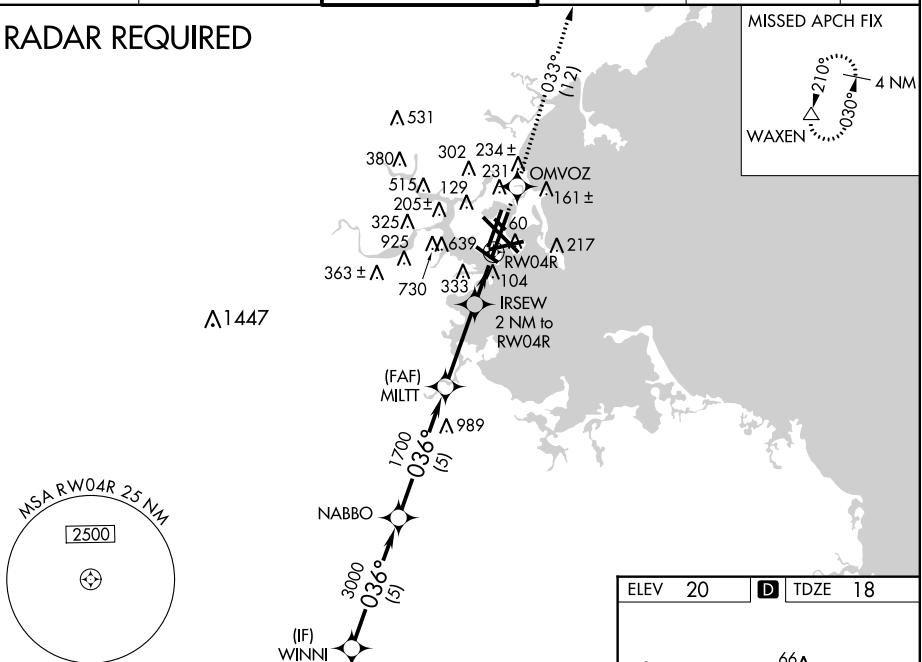
BOSTON TOWER
128.8 257.8

GND CON
121.9

CLNC DEL
121.65 257.8

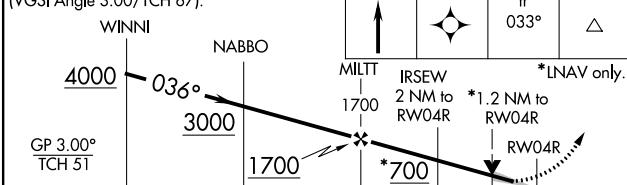
CPDLC

RADAR REQUIRED

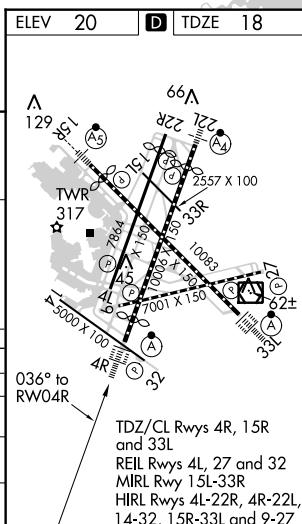


NE-1, 10 NOV 2016 to 08 DEC 2016

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



CATEGORY	A	B	C	D
LPV DA	218/24	200 (200-1/2)		
LNAV/ VNAV DA	511/60	493 (500-1 1/4)		
LNAV MDA	480/24	462 (500-1 1/2)	480/50	462 (500-1)
CIRCLING	960-1 1/4 940 (1000-1 1/4)	1060-1 1/2 1040 (1100-1 1/2)	640-1 3/4 620 (700-1 1/4)	640-2 620 (700-2)



16147

LIGHT VISUAL RWY 33L

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
AL-58 (FAA)

BOSTON, MASSACHUSETTS

ATIS

135.0

BOSTON APP CON

120.6 263.1

BOSTON TOWER

128.8 257.8

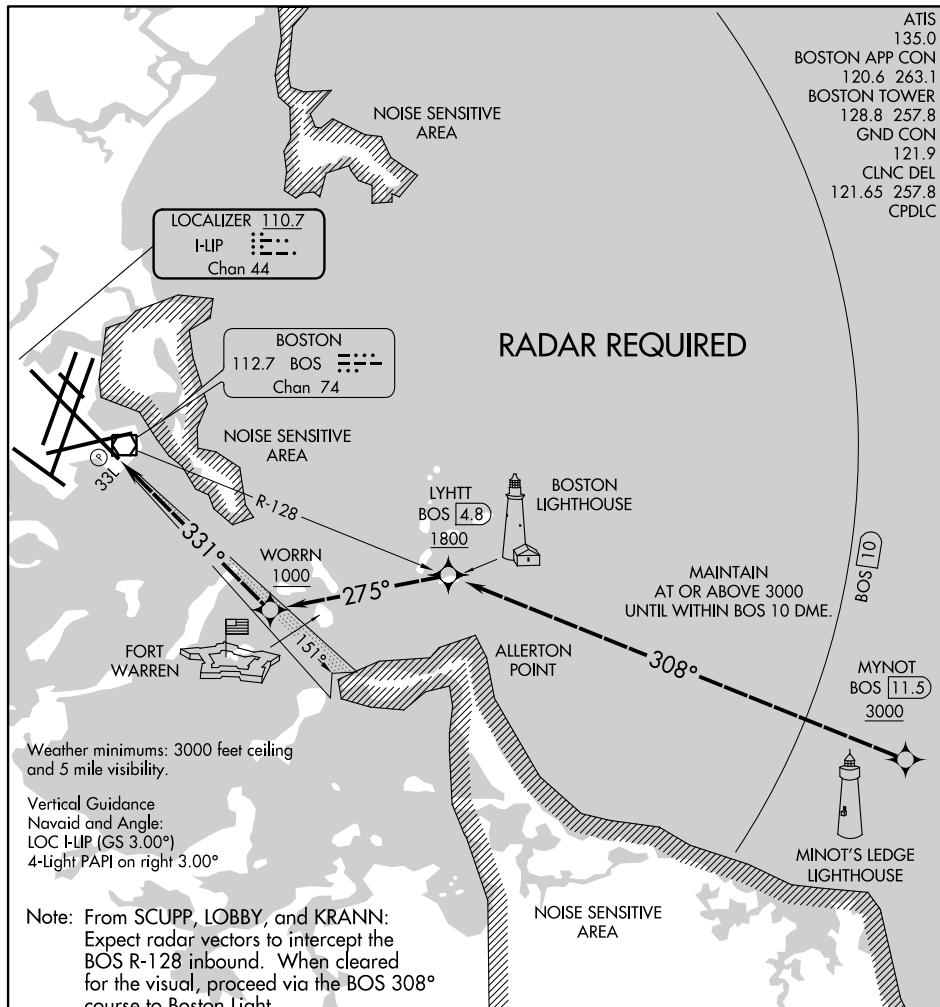
GND CON

121.9

CLNC DEL

121.65 257.8

CPDLC



NM	1	2	3	4	5	6	7	8	9	10	11
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LIGHT VISUAL RWY 33L

Amdt 1 27JUN13

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)
BOSTON, MASSACHUSETTS
42°22'N 71°00'W

16315

AIRPORT DIAGRAM

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

AL-58 (FAA)

BOSTON, MASSACHUSETTS

ATIS ARR 135.0

DEP 135.0

BOSTON TOWER

128.8 257.8

Helicopters 124.725

GND CON

121.9

CLNC DEL

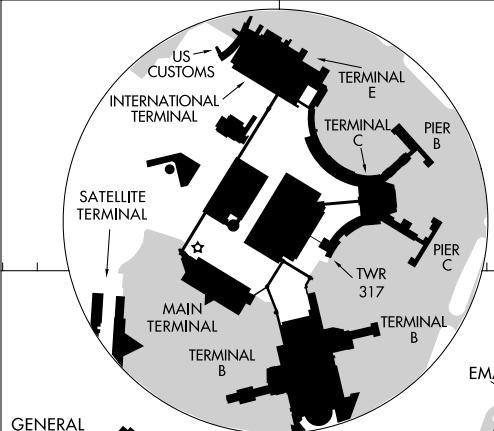
121.65 257.8

CPDLC

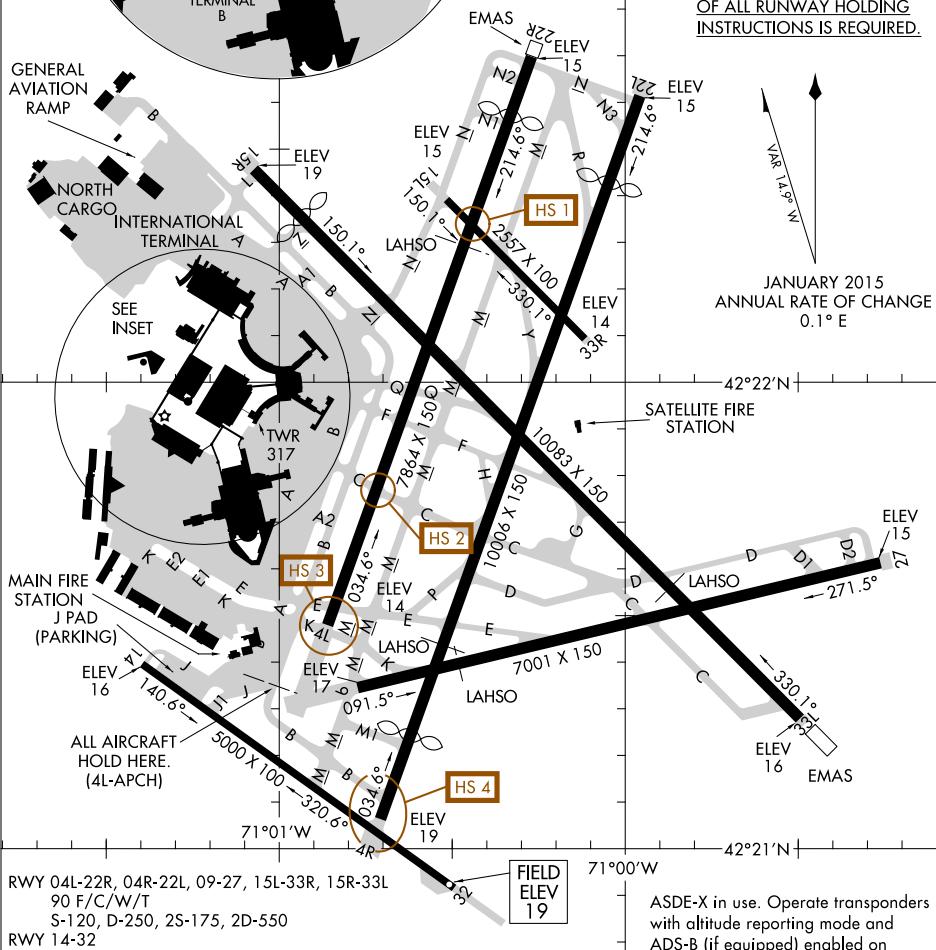
D

42°23'N

CAUTION: BE ALERT TO
RUNWAY CROSSING
CLEARANCES. READBACK
OF ALL RUNWAY HOLDING
INSTRUCTIONS IS REQUIRED.



NE-1 10 NOV 2016 to 08 DEC 2016



JANUARY 2015
ANNUAL RATE OF CHANGE
0.1° E

42°22'N

SATELLITE FIRE STATION

42°21'N

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all twys and rwy's.

AIRPORT DIAGRAM

16315

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

BOSTON, MASSACHUSETTS