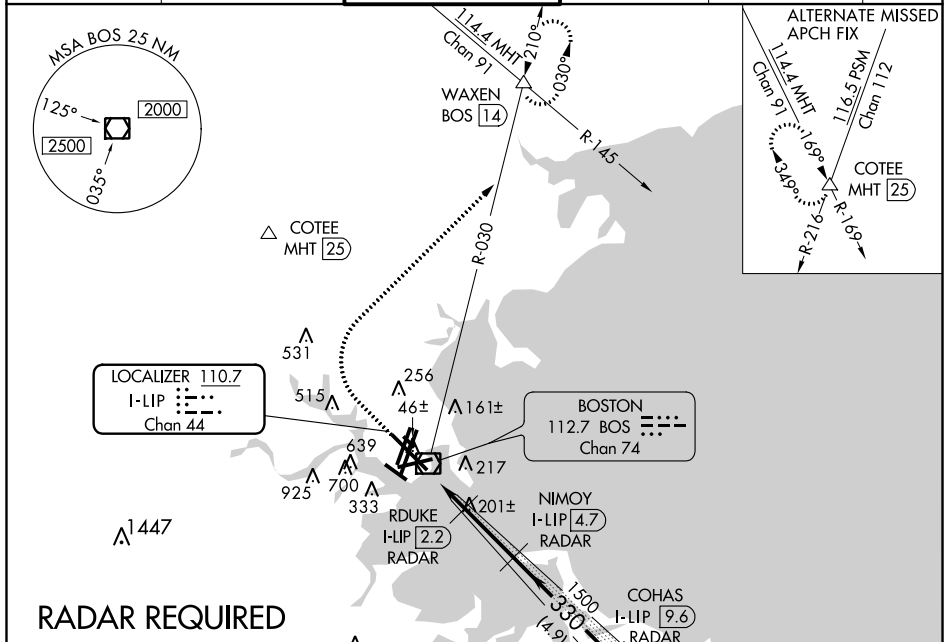


LOC/DME I-LIP	APP CRS	Rwy Idg	10083
110.7	330°	TDZE	16
Chan 44		Apt Elev	19

ILS or LOC RWY 33L

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

	BOSTON TOWER 128.8 257.8 (WEST) 132.225 257.8 (EAST)		GND CON	CLNC DEL	CPDLC
	D-ATIS	BOSTON APP CON	121.9 121.75	121.65 257.8	



LOCALIZER 110.7
I-LIP
Chan 44

BOSTON
112.7 BOS
Chan 74

RADAR REQUIRED

ELEV 19	D	TDZE 16
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TDZ/CL Rws 4R, 15R and 33L
REIL Rws 4L, 27 and 32
MIRL Rwy 15L-33R 330° 4.5 NM
HIRL Rws 4L-22R, 4R-22L, from FAF
9-27, 14-32 and 15R-33L
FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

1500	3000	WAXEN △	VGS1 and ILS glidepath not coincident (VGS1 Angle 3.00/TCH 68).		BENNN I-LIP 15 RADAR
*LOC only.		RDUKE I-LIP 2.2 RADAR	NIMOY I-LIP 4.7 RADAR	COHAS I-LIP 9.6 RADAR	4000
I-LIP 0.2		*I-LIP 1.4	1500	3000	GS 3.00° TCH 57
1.2 NM		0.8 NM	2.5 NM	4.9 NM	5.4 NM
CATEGORY	A		B	C	D
S-ILS 33L	216/18		200 (200-½)		
S-LOC 33L	460/24		444 (500-½)	460/45 444 (500-¾)	
CIRCLING	960-1¼ 941 (1000-1¼)		1060-1½ 1041 (1100-1½)	640-1¾ 621 (700-1¾)	640-2 621 (700-2)

ILS or LOC RWY 33L

NE-1, 08 OCT 2020 to 05 NOV 2020

NE-1, 08 OCT 2020 to 05 NOV 2020