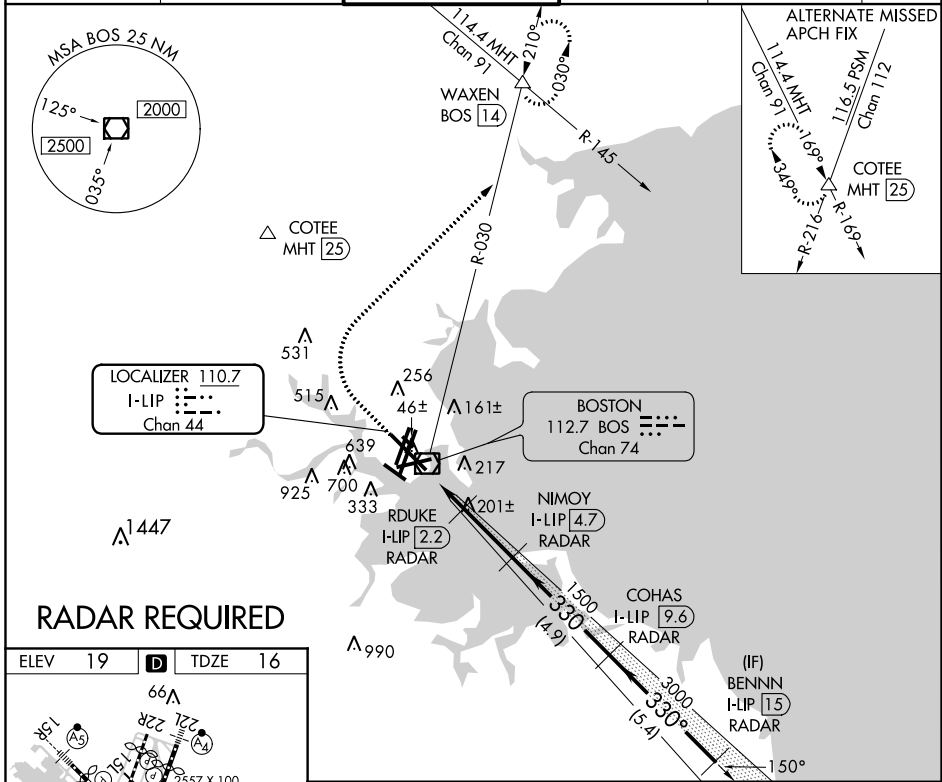


LOC/DME I-LIP	APP CRS	Rwy Idg	10083
110.7	330°	TDZE	16
Chan 44		Apt Elev	19

ILS or LOC RWY 33L

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

<p>DME or RADAR required. Circling NA for Cats C and D west of Rwys 4L and 15R. Circling NA to Rwy 14.</p>	<p>ALSIF-2</p>	<p>MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on BOS VOR/DME R-030 to WAXEN INT/BOS 14 DME and hold.</p>					
		D-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	



ELEV	19	D	TDZE	16	
<p>TDZ/CL Rwys 4R, 15R and 33L REIL Rwys 4L, 27 and 32 MIRL Rwy 15L-33R 330° 4.5 NM HIRL Rwys 4L-22R, 4R-22L, from FAF 9-27, 14-32 and 15R-33L FAF to MAP 4.5 NM</p>					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

1500	3000	WAXEN	VGSIL and ILS glidepath not coincident (VGSIL Angle 3.00/TCH 68).		BENNN I-LIP 15
↑	↻	BOS R-030	NIMOY I-LIP 4.7	COHAS I-LIP 9.6	RADAR
*LOC only.					
I-LIP 0.2	*I-LIP 1.4	RDUKE I-LIP 2.2	1500	3000	4000
1.2 NM	0.8 NM	2.5 NM	4.9 NM	5.4 NM	GS 3.00° TCH 57
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 (1100-½)	640-1¾ 621 (700-¾)	640-2 621 (700-2)

NE-1, 20 JUN 2019 to 18 JUL 2019

NE-1, 20 JUN 2019 to 18 JUL 2019