INSTRUMENT APPROACH CHART

AERODROME ELEV 3003 ft
HEIGHTS RELATED TO
THR RWY 27R - ELEV 2919 ft

APP ARR	121.250
APP	127.750
TWR	124.350

BENGALURU (VOBL)
INDIA
ILS OR LOC RWY 27R

077°30'E 077°40'E 077°50'E 078°0'E

13°30'N 13°20'N 13°10'N

RADIALS AND DISTANCE ARE FROM VOR (116.8 BIA) UNLESS OTHERWISE SPECIFIED
ELEV, ALT IN FEET
DIST IN NAUTICAL MILES
BRG ARE MAGNETIC
VAR 1.83°W(2010)

DME REQUIRED

SIMULTANEOUS HOLDING AT SAME LEVEL OVER R-040/19D FIX AND BIA VOR(116.8) NOT PERMITTED.

Reduce speed to 185 KIAS MAX prior to crossing LR-085

Overhead Procedure: Descend from FL090 to 7000ft after joining 17 DME ARC

CAUTION :
Nandi Hill with TE 4971 ft in close proximity to Missed Approch path

CAUTION :
1-Yelahanka Helicopter operations at 700ft AGL
2-Training flight on ILS RWY 27 at Yelahanka Aerodrome

R-040
040°
MNM ALT 7000
1MIN
210 KIAS MAX
220°
19D
10NM
R-040
7000
ARC 17DME
15D
R-060
FL090
280°
MNM ALT FL090
1MIN
210 KIAS MAX
100°
7000
FAF
9.7D
(IDEV)
272°
LR-085
IF
17D
15.5D(IDEV)
6000
272°

MSA 25NM
BENGALURU VOR
215°
6000
5500
360°

4971
4615
3521
4308
4144
2953
3159
3027
3060
3203
3291
3107

Yelahanka Aerodrome

LOC 108.3
IDEV

BENGALURU
VOR/DME 116.8
BIA
13° 12' 32.91"N
077° 41' 40.87"E

VOR 185A
6000'
GND

VOR 185C
6000'
GND

SCALE :1:350,000
0 1 2 3 4 5 NM

LOC ONLY PROCEDURE

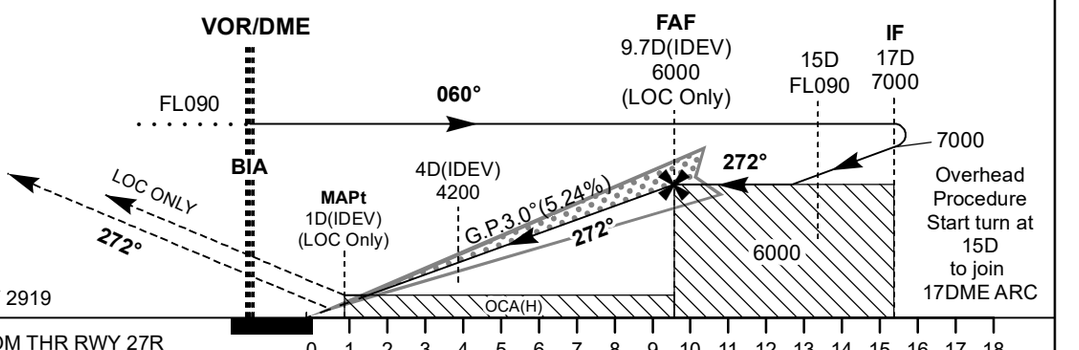
FAF	9.7D(IDEV)
ALTITUDE AT FAF	6000ft
DESCENT GRADIENT	5.24%
MAPt	1D(IDEV)

Transition Alt 7000

MISSED APPROACH
Speed restricted to 185 KIAS Max
Climb straight ahead passing 3500ft climbing turn RIGHT to establish R-040, to join R-040/19D fix hold at 7000 or as instructed by ATC.

ILS RDH 54.90

THR ELEV 2919



NAUTICAL MILES FROM THR RWY 27R
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

OCA(H)		A	B	C	D
Straight-in	ILS	3120(201)			
	LOC Only	3440(521)			

Distance / Altitude Information for LOC Only Procedure

Distance (IDEV-DME)	NM	9.7D(FAF)	9D	8D	7D	6D	5D	4D	3D	2D
Altitude	Ft	6000	5790	5470	5150	4830	4520	4200	3880	3560

Ground speed / Rate of Descent Information for LOC Only Procedure

Ground Speed	Kt	80	100	120	140	160	180
Rate of Descent (5.24%)	Ft/Min	425	530	635	745	850	955

DRG.NO. AAI/69-IALC/230125/25/06/2025