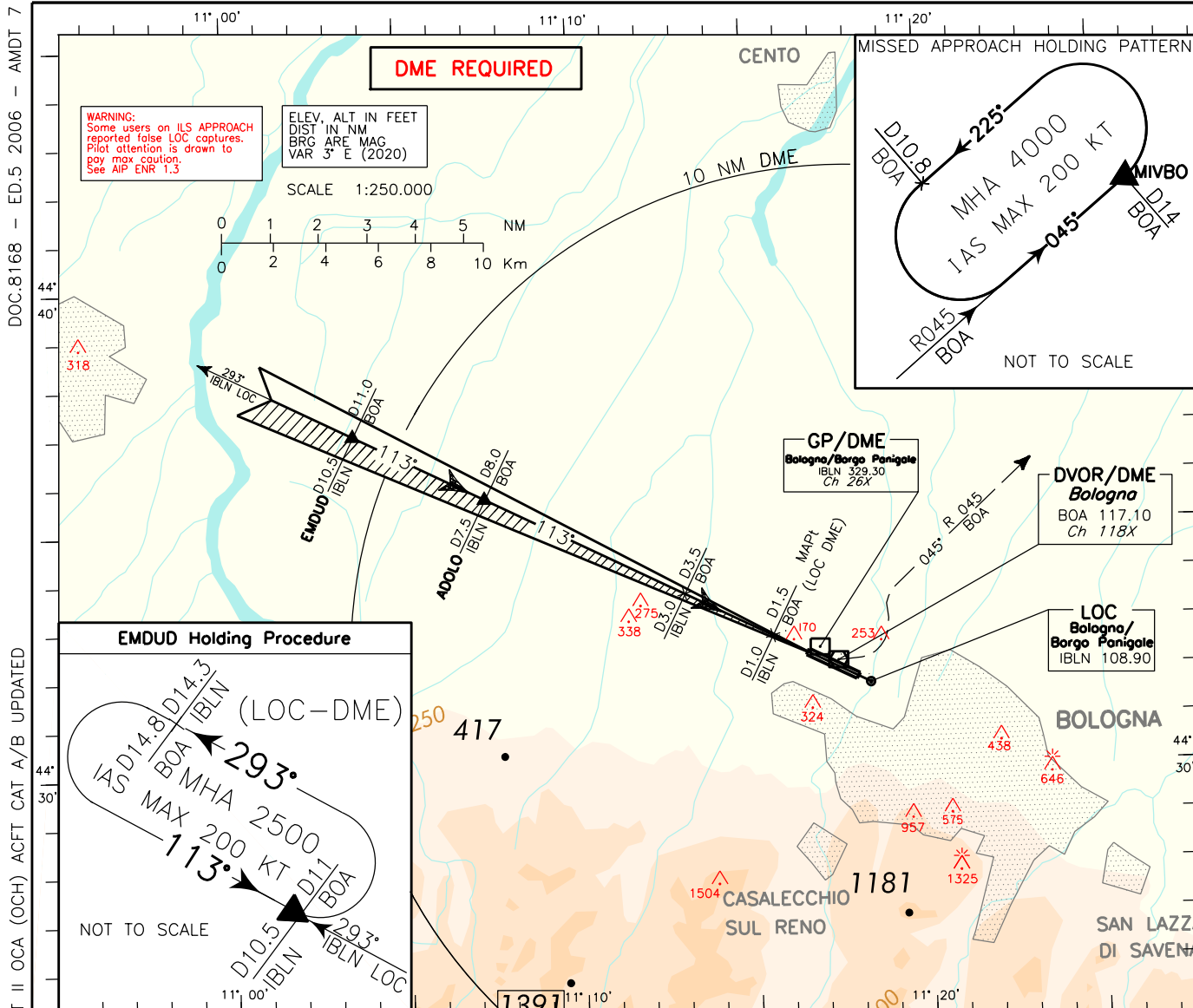


INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV
123

APP Bologna APP/Radar 133.775 (118.150)
TWR Bologna TWR 120.800 (120.100)
ATIS Bologna Arrival Information 134.875

BOLOGNA (LIPE)
ILS - Z RWY 12

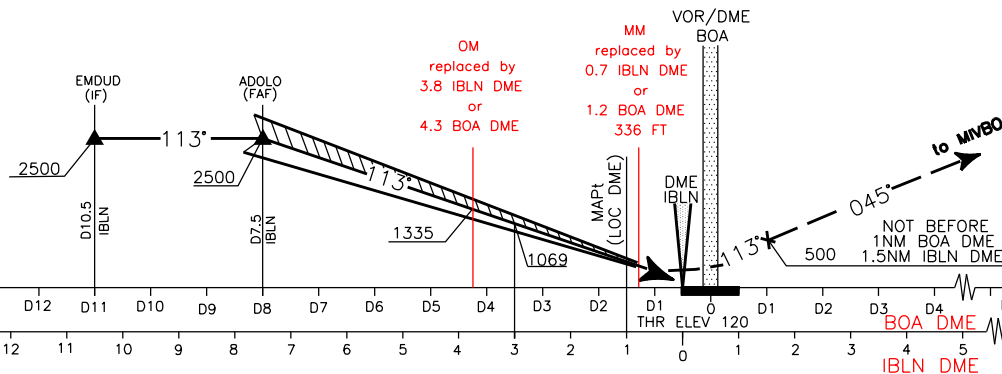


TRANSITION ALT 6000

MISSED APPROACH: Climb to 4000 ft on RWY heading. Passing 500 ft turn left (not before 1NM BOA DME/1.5 NM IBLN DME, after THR 12), with IAS MAX 200 kt to join and follow RDL 045 BOA VOR until 14NM BOA DME to join MIVBO holding pattern.

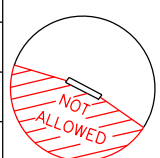
REMARK: Missed approach clearance is provided by 2.5% gradient. 4.2% gradient (250 ft/NM) is required to remain inside vertical limits of CTR Zone 3 (controlled airspace) while entering MIVBO Holding pattern.

RDH 16.50 M
GP 3°
LOC DME 5.2%



OCA (OCH)	A	B	C	D
ILS I	308 (188)	319 (199)	327 (207)	338 (218)
ILS II	179 (59)	184 (64)	206 (86)	246 (126)
LOC DME	480 (357)			
CIRCLING (*)	730 (607)	750 (627)	990 (867)	1100 (977)

(*)CIRCLING SECTOR



ONLY NORTH OF RWY

GS	FT PER MIN	OM-MAPt	MAPt-THR	DME IBLN	ALT (HGT)
80	425	2:07	0:36	7 DME	2342 (2222)
100	531	1:42	0:29	6 DME	2024 (1904)
120	637	1:25	0:24	5 DME	1706 (1586)
140	743	1:13	0:21	4 DME	1387 (1267)
160	849	1:04	0:18	3 DME	1069 (949)
				2 DME	750 (630)
				1 DME	432 (312)

