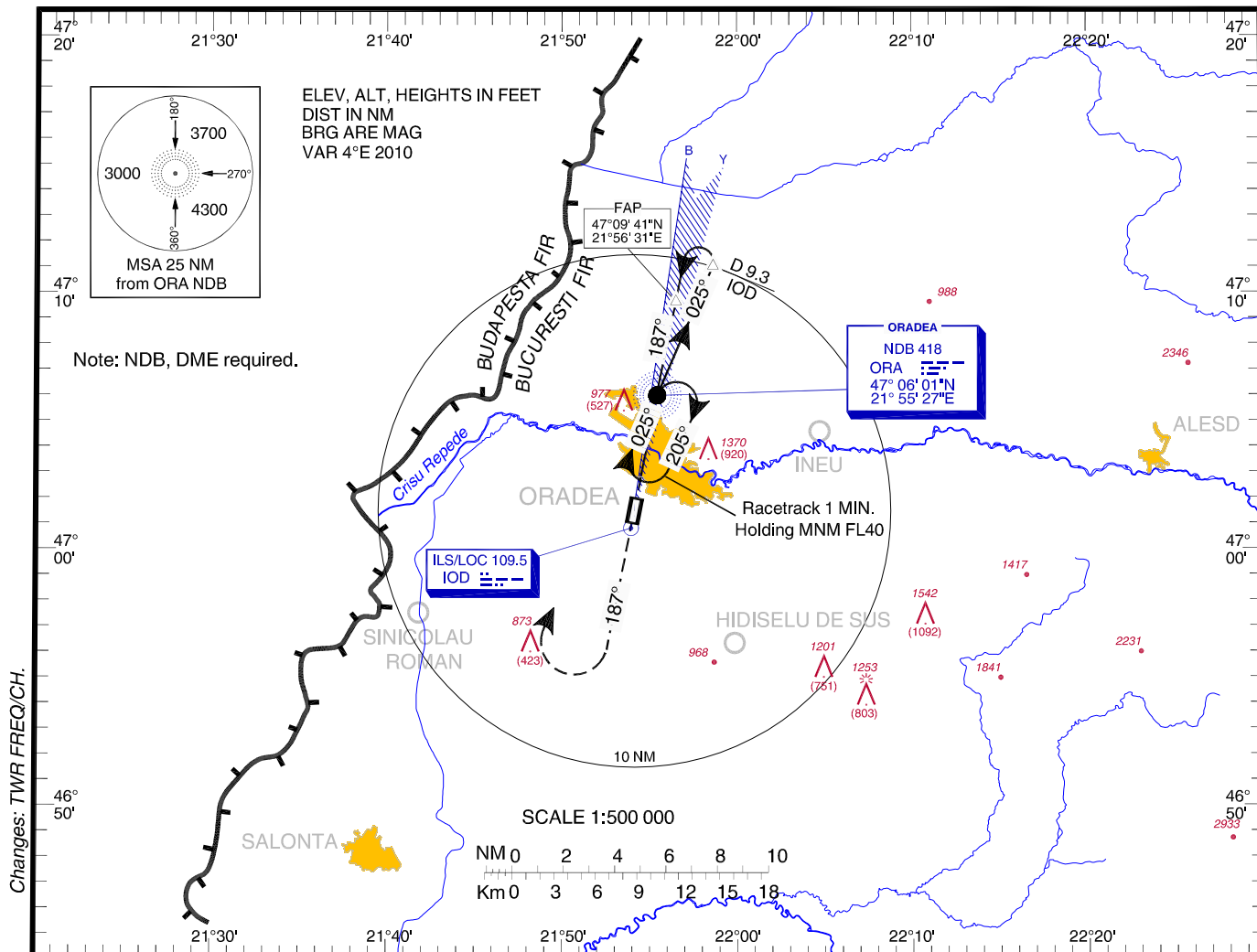


**INSTRUMENT APPROACH
CHART - ICAO**

AERODROME ELEV. 465 ft
HEIGHTS RELATED TO
THR RWY 19 - ELEV 450

ORADEA TOWER 118.455
ORADEA TOWER ALTN 120.200

ORADEA / Oradea (LROD)
ILS
RWY 19
CAT A / B



DME IOD reads zero at DME antenna
(299 m from THR19)

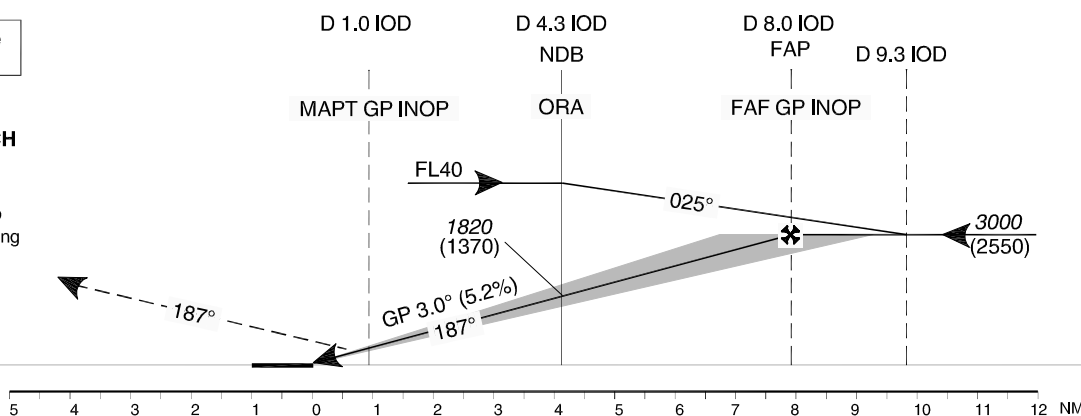
Transition Altitude
3000

MISSED APPROACH

Climb straight ahead to
1500 then turn RIGHT to
ORA NDB and join holding
at FL 40.

ILS RDH 52

THR ELEV 450 FT
NM to/from THR 19



OCA/H		A	B
Straight-in approach	ILS	670 (220)	
	ILS GP INOP	990 (525)	
Circling		1110	

GS	kts	90	100	120
FAF - MAPT 7.0 NM	min:s	4:40	4:12	3:30
Rate of descent	ft/min	478	531	637

Dist to IOD DME	NM	2	3	4	5	6	7
Altitudes (Heights)	ft	1090 (640)	1410 (960)	1730 (1280)	2050 (1600)	2360 (1910)	2680 (2230)

For data tabulation see verso

**ORADEA / Oradea (LROD)
ILS RWY 19, CAT A/B**

AERONAUTICAL DATA TABULATION

ILS approach to RWY 19 from ORA NDB, CAT A/B	
ORA NDB (IAF)	47°06'01.3"N 021°55'26.9"E
D9.3 IOD – BRG 025.20° ORA NDB/9.30NM IOD DME	47°10'30.9"N 021°59'07.6"E
D8.0 IOD (FAP/FAF GP INOP) – 007.20° IOD LOC/ 8.01 IOD DME	47°09'41.4"N 021°56'30.6"E
D4.3 IOD (Height Check/Stepdown ILS GP INOP)	47°06'03.0"N 021°55'27.3"E
D1.0 IOD (MAPT)	47°02'48.8"N 021°54'31.1"E
THR RWY 19	47°01'59.53"N 021°54'16.86"E
IOD LOC	47°00'50.6"N 021°53'57.0"E