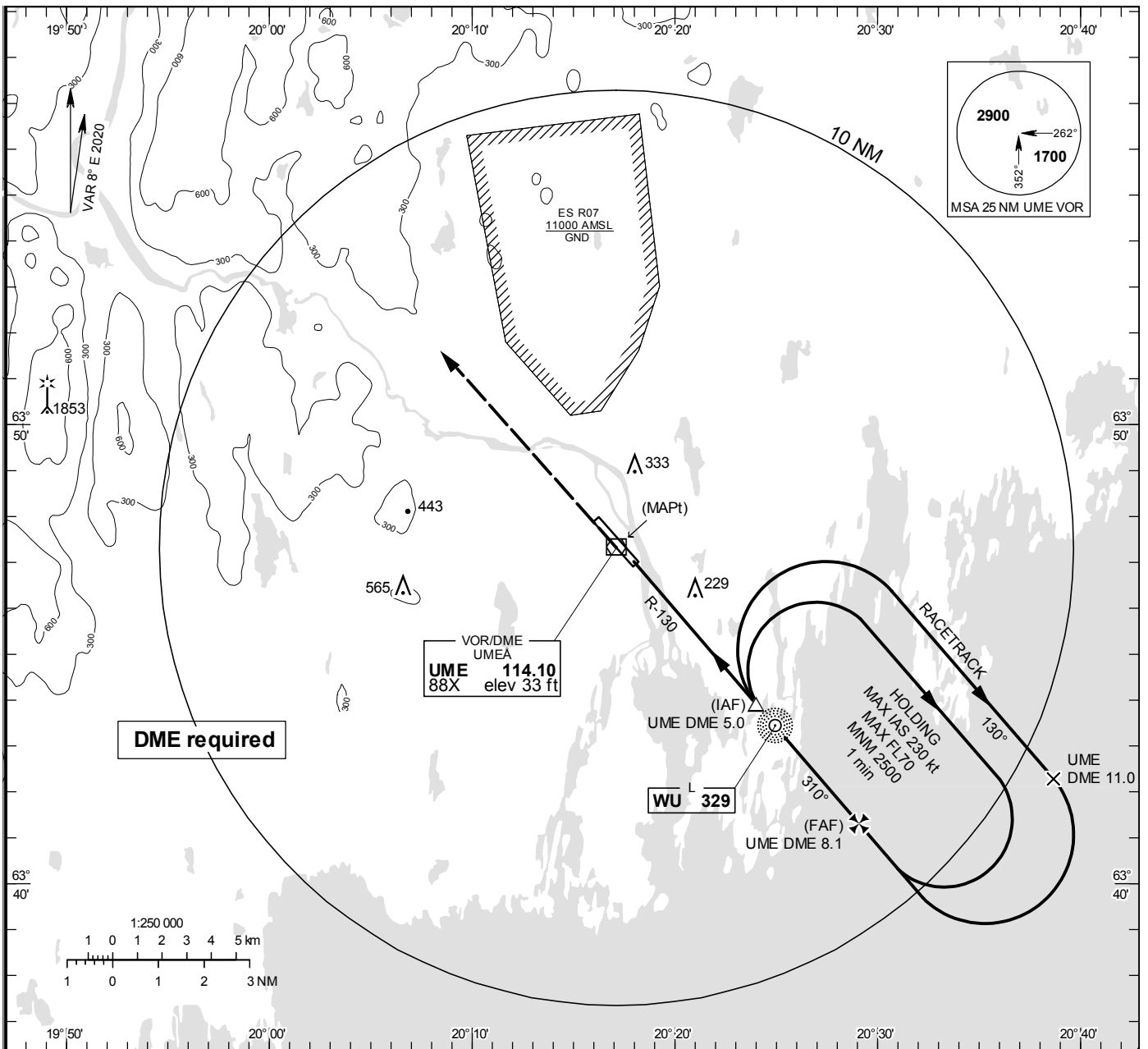


**INSTRUMENT
 APPROACH
 CHART – ICAO**

THR ELEV 17.3 ft, AD ELEV 25 ft
 OCH are related to THR.
 Circling OCH are related to AD ELEV.
 BRG are MAG
 ALT, HGT and ELEV in ft.

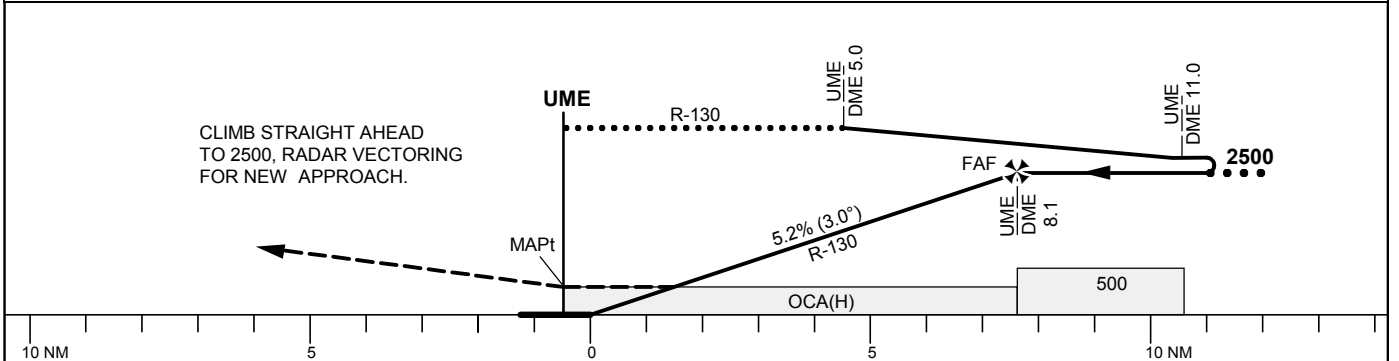
UMEA TOWER 119.805

VOR RWY 32



TA 5000 ft AMSL

*Timing not authorized for defining the MAPt



| OCA (H) | | | | | Final approach | | | | | | | |
|----------------------|----------|----------|----------|----------|---------------------------|--------|------|------|------|------|------|------|
| Cat of ACFT | A | B | C | D | Distance FAF-MAPt 8.1 NM* | | | | | | | |
| | | | | | DME UME NM | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
| Straight-in Approach | 480(470) | | | | ALT | 2470 | 2150 | 1830 | 1510 | 1190 | 870 | 560 |
| | | | | | GS | kt | 80 | 100 | 120 | 140 | 160 | 180 |
| Circling | 630(610) | 630(610) | 920(900) | 960(940) | Time | min:s | 6:05 | 4:52 | 4:04 | 3:29 | 3:03 | 2:42 |
| | | | | | Rate of descent | ft/min | 425 | 530 | 635 | 745 | 850 | 955 |