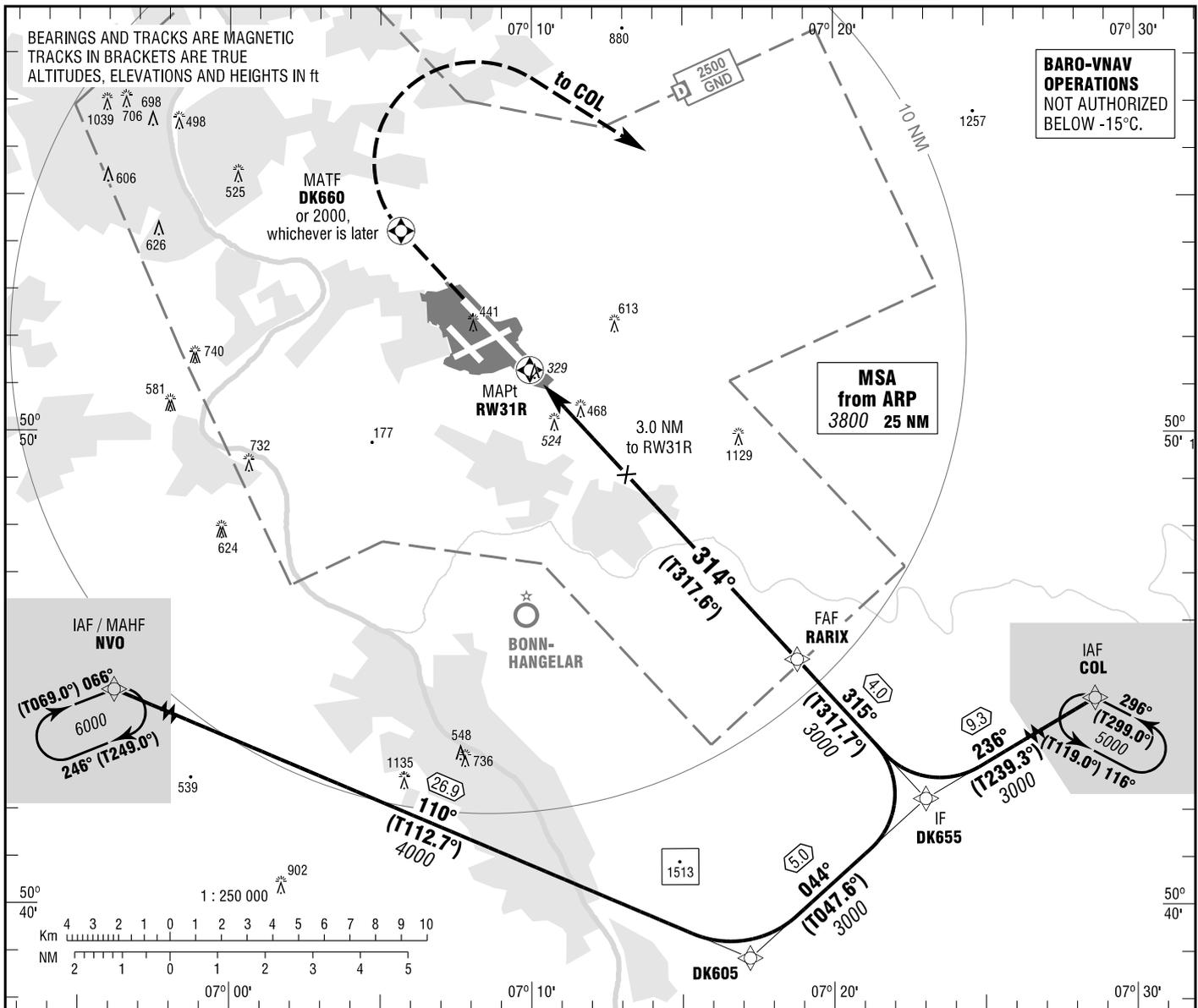


INSTRUMENT APPROACH
CHART - ICAO

VAR 3° E
ELEV 302
OCH RELATED TO THR 31R ELEV 300

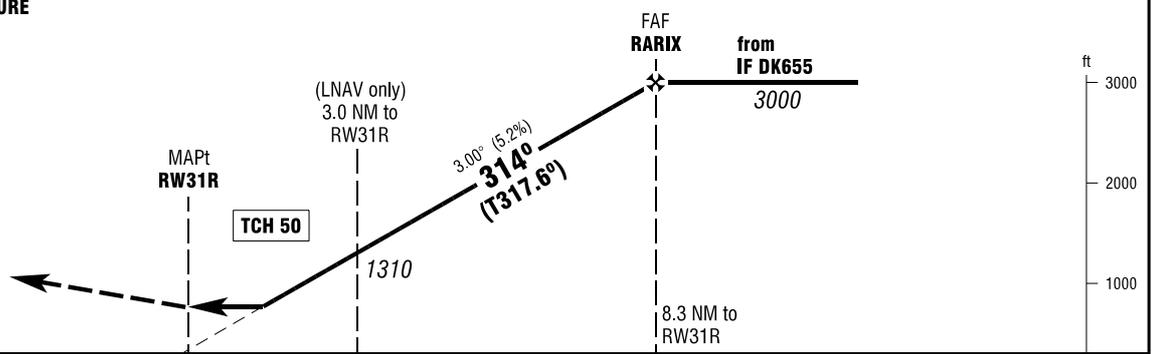
KOELN/BONN ATIS	112.150	KOELN/BONN TOWER	124.980
KOELN/BONN DIRECTOR	121.055	KOELN/BONN GROUND	121.730
		KOELN/BONN MILITARY	136.255
			378.225

KOELN/BONN
RNP RWY 31R
EGNOS CH 60040 E31A



MISSED APPROACH PROCEDURE

Climb on track 314° to 5000, when passing 2000 or DK660, whichever is later, RT direct COL.



NM 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 NM PROFILE SCALE 1 : 250 000

OCA (OCH)	A	B	C	D	D _L
LNAV	770 (470)	770 (470)	770 (470)	770 (470)	
LNAV / VNAV	653 (353)	663 (363)	672 (372)	682 (382)	
LPV	460 (160)	470 (170)	480 (180)	489 (189)	489 (189)

DIST THR / RW31R	2	3	4	5	6	7	8
ALTITUDE	990	1310	1630	1950	2270	2590	2900

GS	kt	80	100	120	140	160	180
RARIX - RW31R (8.3 NM)	MIN:SEC	6:14	4:59	4:09	3:33	3:07	2:46
Rate of descent (5.2%)	ft / MIN	420	530	640	740	850	960

Correction: Completely revised.