

ENR 3.4 EN-ROUTE HOLDING

HLDG ID / FIX / WPT Coordinates	INBD TR (°MAG)	Direction of PTN	MAX IAS (KT)	MNM-MAX HLDG LVL FL / FT (MSL)	TIME (MIN) or DIST OUBD	Controlling unit and frequency
1	2	2	4	5	6	7
BALIR 47 18 30 N / 007 16 53 E	316	Right	210	7000 ft - FL 160	1	APP Bâle
BERSU 47 08 08 N / 007 56 29 E	049	Right	230	FL 100 - FL 200	1	ACC Zurich
GUGSA 46 30 23 N / 009 46 00 E	073	Right	240	16000 ft - FL190	1.5	ACC Zurich
MOSIT 47 04 09 N / 008 44 38 E	351	Right	230	14000 ft - FL 200	1	ACC Zurich
PELAD 46 35 56 N / 009 43 33 E	116	Right	240	16000 ft - FL 245	1	ACC Zurich
RAVED 47 43 45 N / 009 40 10 E	265	Left	230	FL 120 - FL 310	1	ACC Zurich ACC Muenchen
RONAG 46 46 46 N / 010 15 32 E	146	Left	210	14000 ft - FL 190	1	ACC Zurich
RONIX 47 13 34 N / 008 27 25 E	216	Left	180	7000 ft - FL 90	1	ACC Zurich
TUNNO 46 47 53 N / 007 23 49 E	111	Left	150	6000 ft - FL 70	2 NM	APP Bern
UMTOP 47 07 39 N / 007 49 06 E	261	Left	100	5000 ft - 6000 ft	1	APP Bern
LS212 46 21 39 N / 008 56 39 E	137	Left	130	10000 ft - 10000 ft	2.6 NM	Zurich DELTA

HLDG RONAG is located partially outside controlled airspace

HLDG TUNNO: ACFT CAT H only, RNP 0.3 required, RNAV HLDG functionality required, no offset entry allowed

HLDG UMTOP: ACFT CAT H only, RNAV 1 (GNSS) required

HLDG LS212: ACFT CAT H only, RNP 0.3 required, RNAV HLDG functionality required, entries along KY252 north- and southbound only

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