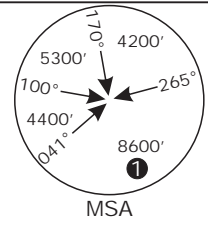


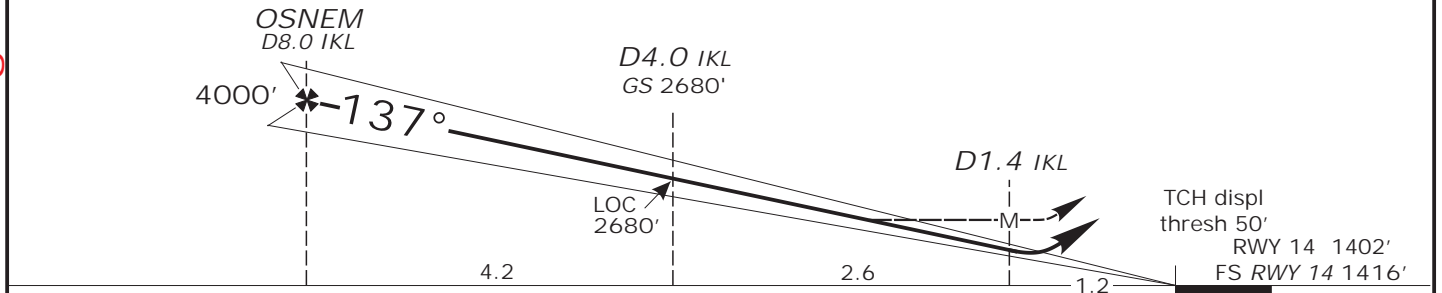
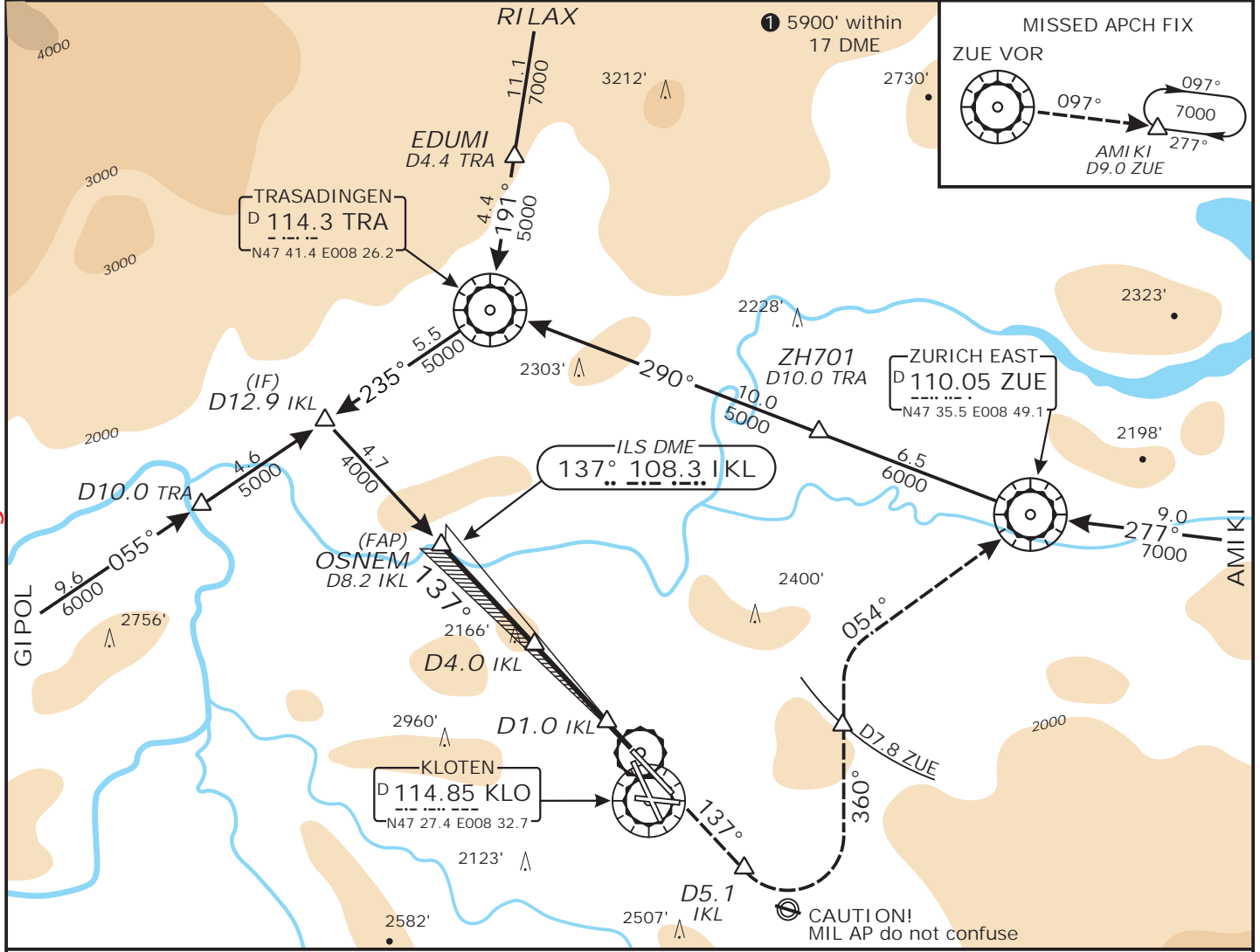
LSZH/ZRH
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APP CHART NO.1
Revision 25 AUG 11

ZURICH, SWITZERLAND
ILS DME Rwy 14 CAT II/III

Valid for flight simulation use only - do not use for real life navigation

Swiss Radar LSAS_CTR 128.05	ZURICH Arrival LSZH_APP 131.15 LSZH_W_APP 118.0	ZURICH Final LSZH_F_APP 125.35	ZURICH Tower LSZH_TWR 118.10	ZURICH Apron LSZH_S_GND 121.75	ZURICH Apron LSZH_N_GND 121.85
LOC IKL 108.3	Final Apch Crs 137°	GS D4.0 IKL 2730' (1314')	CAT I : RA 187' DH 1616' (200') CAT II: RA 87' DH 1516' (100')	Apt Elev 1416' FS: RWY 1416 RWY 1402'	
MISSED APCH: Climb on track 137°. Initial climb to 4000'. At D5.1 IKL passed the station, turn LEFT (MAX IAS 210 KT) onto track 360° to intercept R-234 ZUE. At D7.8 ZUE continue climb to 7000'. Cross ZUE VOR at 6000' or above and intercept R-097 ZUE to AMIKI.					MSA KLO VOR
Alt Set: hPa		Rwy Elev: 51 hPa	Trans level: By ATC		Trans alt: 7000'



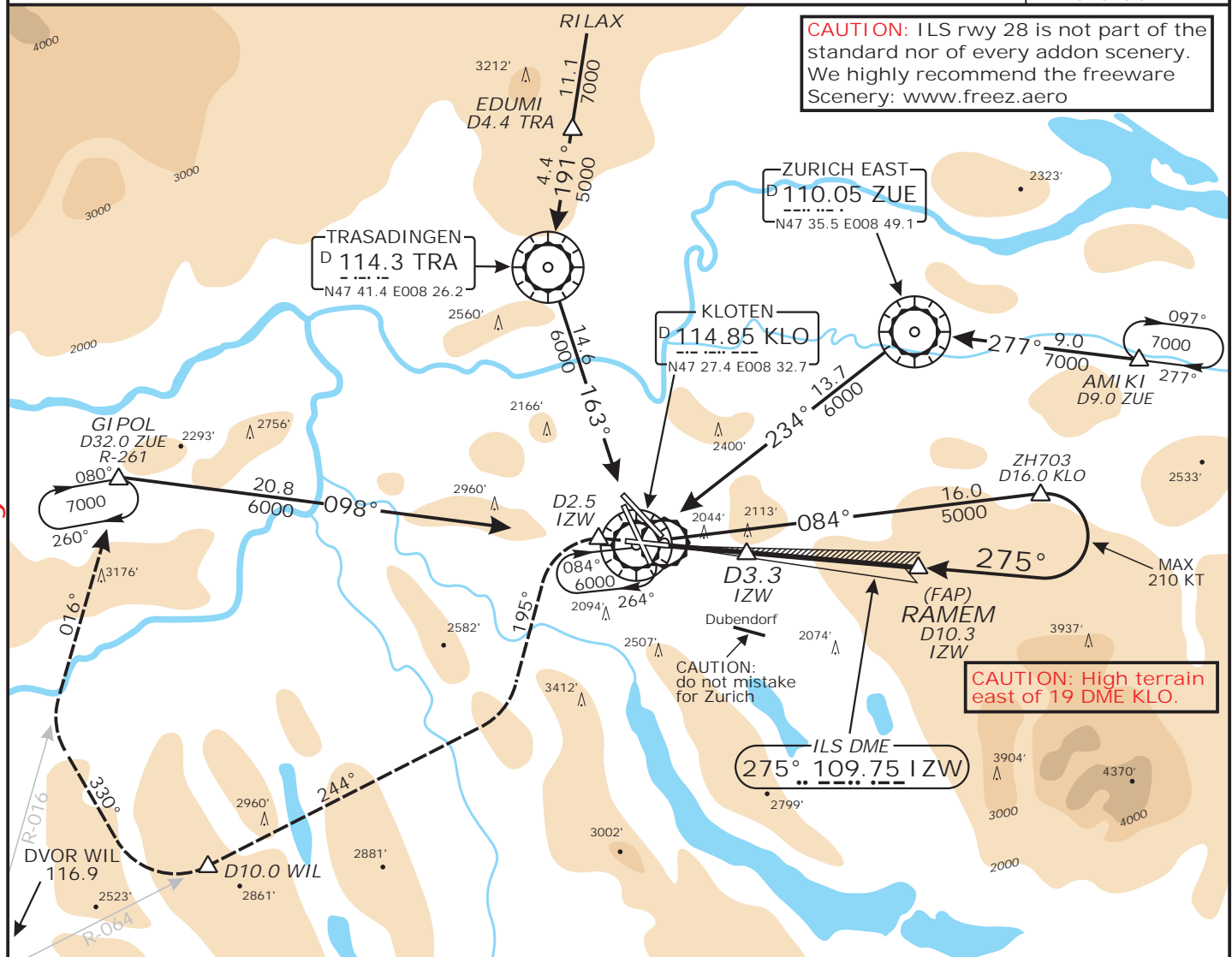
Flight Simulator-OPS				STRAIGHT-IN LANDING RWY 14		CIRCLE-TO-LAND TO RWYS 10 & 28		Gnd speed-Kts							
MINIMUMS				A	B	C	D	ILS GS 3.00° or LOC Descent Gradient 5.2%		70	90	100	120	140	160
ILS CAT I				RA	195'			Max Kts	Prohibited Southwest of apt btn extended centerlines rwy 16 & 28		MAP at D1.0 IKL (LOC out)				
ILS CAT II				DH(A)	1516' (100')				MDA(H) _____ VIS _____		LOC (GS out) with IKL DME: MDA(H) 1870' (454') RVR 1700m.				
				RVR	550m			CAT A	2360' (944') 4000m		It is pilot's responsibility to accept "swing over" procedure to rwy 16, when proposed by ATC.				
				RA	95'			CAT B	2470' (1054') 4000m		RWY 14 is approved for CAT II/III operations, special aircrew and ACFT certification required.				
				DH(A)	1516' (100')			CAT C	2710' (1294') 4000m						
				RVR	300m			CAT D	180						

Swiss Radar LSAS_CTR 128.05	ZURICH Arrival LSZH_APP 131.15	LSZH_W_APP 118.0	ZURICH Final LSZH_F_APP 125.35	ZURICH Tower LSZH_TWR 118.10	ZURICH Apron LSZH_S_GND 121.75	ZURICH Apron LSZH_N_GND 121.85
LOC IZW 109.75	Final Apch Crs 275°	GS D3.3 IZW 2550' (1134')	ILS DH(H) Refer to Minimums	Apt Elev 1416' RWY 1416'		

MISSED APCH: Climb straight ahead. Initial climb to 4000'. At D2.5 IZW passed the station, turn LEFT (MAX IAS 210 KT) onto track 195°, then continue climb to 7000'. Intercept R-064 WIL inbound. At D10.0 WIL turn RIGHT onto 330°, intercept R-016 WIL. Proceed to GIPOL.

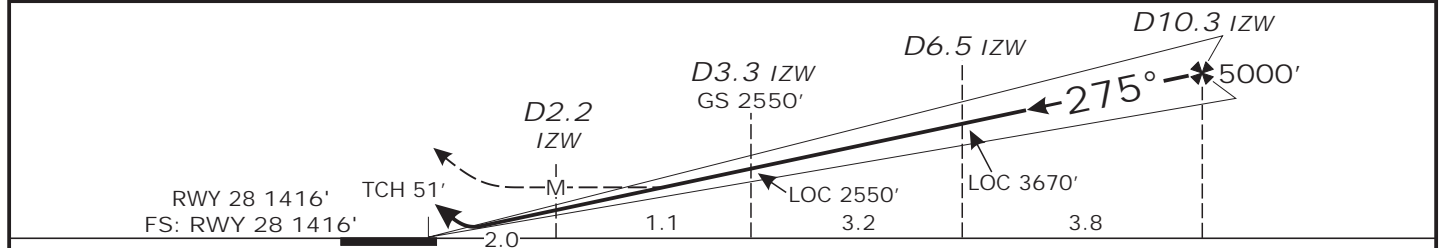
Alt Set: hPa Rwy Elev: 51 hPa Trans level: By ATC Trans alt: 7000'

CAUTION: ILS rwy 28 is not part of the standard nor of every add-on scenery. We highly recommend the freeware Scenery: www.freez.aero



CAUTION: High terrain east of 19 DME KLO.

LOC	IZW DME	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
(GS out)	ALTITUDE	2450'	2800'	3150'	3500'	3850'	4200'	4550'	4900'



Flight Simulator-OPS STRAIGHT-IN LANDING RWY 28		Gnd speed-Kts						
Missed apch climb gradient mim 2.5% DA(H): CAT A: 2831' (1415') CAT B: 2842' (1426') CAT C: 2853' (1437') CAT D: 2863' (1447')	ILS	Missed apch climb gradient mim 4.0% DA(H): CAT A: 2147' (731') CAT B: 2157' (741') CAT C: 2168' (752') CAT D: 2178' (762')	70	90	100	120	140	160
			Descent Gradient 3.30° or LOC Descent Gradient 5.7%		417	532	591	710
			LOC (GS out) Missed apch climb gradient mim 4% MDA(H) 2360' (944') 2.5% MDA(H) 3070' (1654')					
A B C D			Visibility 4000m			Visibility 4300m		

Valid for flight simulation use only - do not use for real life navigation

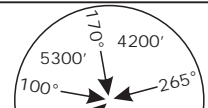
CHANGES: App frequency fix RAMEM.

LSZH/ZRH
ZURICH

APP CHART NO.4
Revision 25 AUG 11

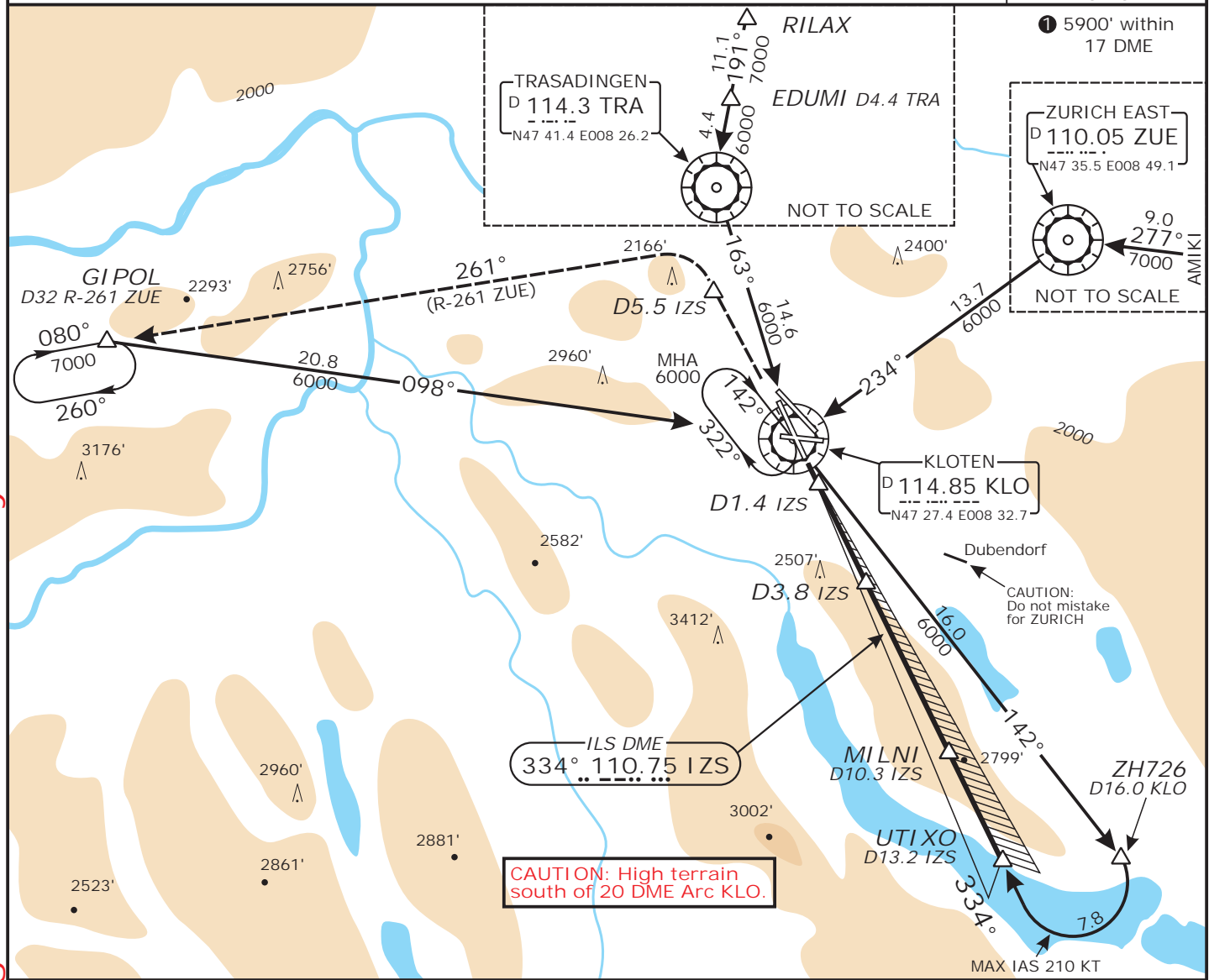
ZURICH, SWITZERLAND
ILS DME Rwy 34

Valid for flight simulation use only - do not use for real life navigation

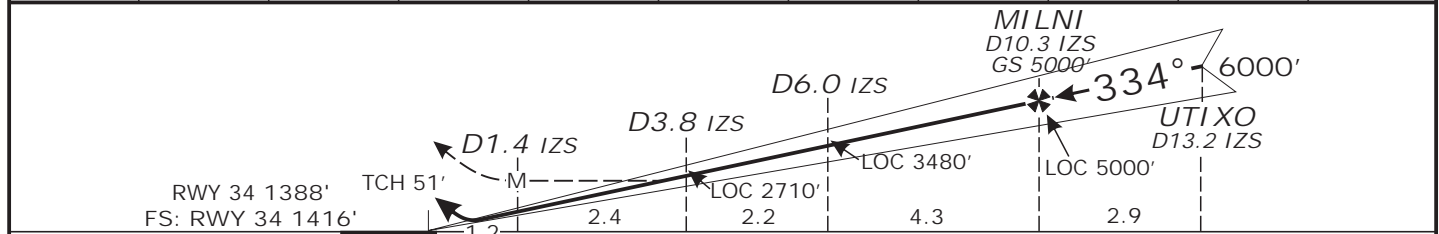
Swiss Radar LSAS_CTR 128.05	ZURICH Arrival LSZH_APP LSZH_W_APP 131.15 118.0	ZURICH Final LSZH_F_APP 125.35	ZURICH Tower LSZH_TWR 118.10	ZURICH Apron LSZH_S_GND 121.75	ZURICH Apron LSZH_N_GND 121.85
LOC IZS 110.75	Final Apch Crs 334°	GS D3.8 2710' (1294')	ILS DA(H) Refer to Minimums	Apt Elev 1416' FS: RWY 1416 RWY 1388'	

MISSED APCH: Climb straight ahead. Initial climb to 5000'. At D5.5 IZS passed the station turn LEFT. Continue climb to 7000'. Intercept R-261 ZUE. Proceed to GIPOL.

Alt Set: hPa Rwy Elev: 51 hPa Trans level: By ATC Trans alt: 7000'



LOC	IZS DME	2.0	3.0	4.0	5.0	7.0	8.0	9.0	11.0	13.0
(GS out)	ALTITUDE	2080'	2430'	2780'	3130'	3880'	4180'	4530'	5230'	5930'



Flight Simulator-OPS		STRAIGHT-IN LANDING RWY 34				Gnd speed-Kts					
MISSED APCH		ILS				Descent Gradient 3.30° or LOC Descent Gradient 5.7%					
MISSED APCH climb gradient mim 3.0% to 2400'		MISSED APCH climb gradient mim 2.5%				MAP at D1.4 IZS					
DA(H) 1616' (200')		DA(H): CAT A: 1820' (204')				LOC (GS out)					
		CAT B: 1630' (214')				MDA (H) 2020' (604')					
		CAT C: 1643' (204') CAT D: 1653' (237')				VIS: 2500m					
RVR 550m		RVR 600m									

CHANGES: App frequency.

LSZH/ZRH
ZURICH

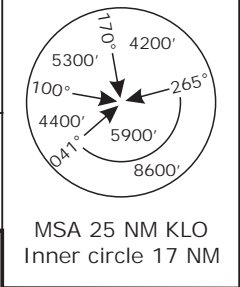
APP CHART NO.5
Revision 25 AUG 11

ZURICH, SWITZERLAND
VOR DME Rwy 28

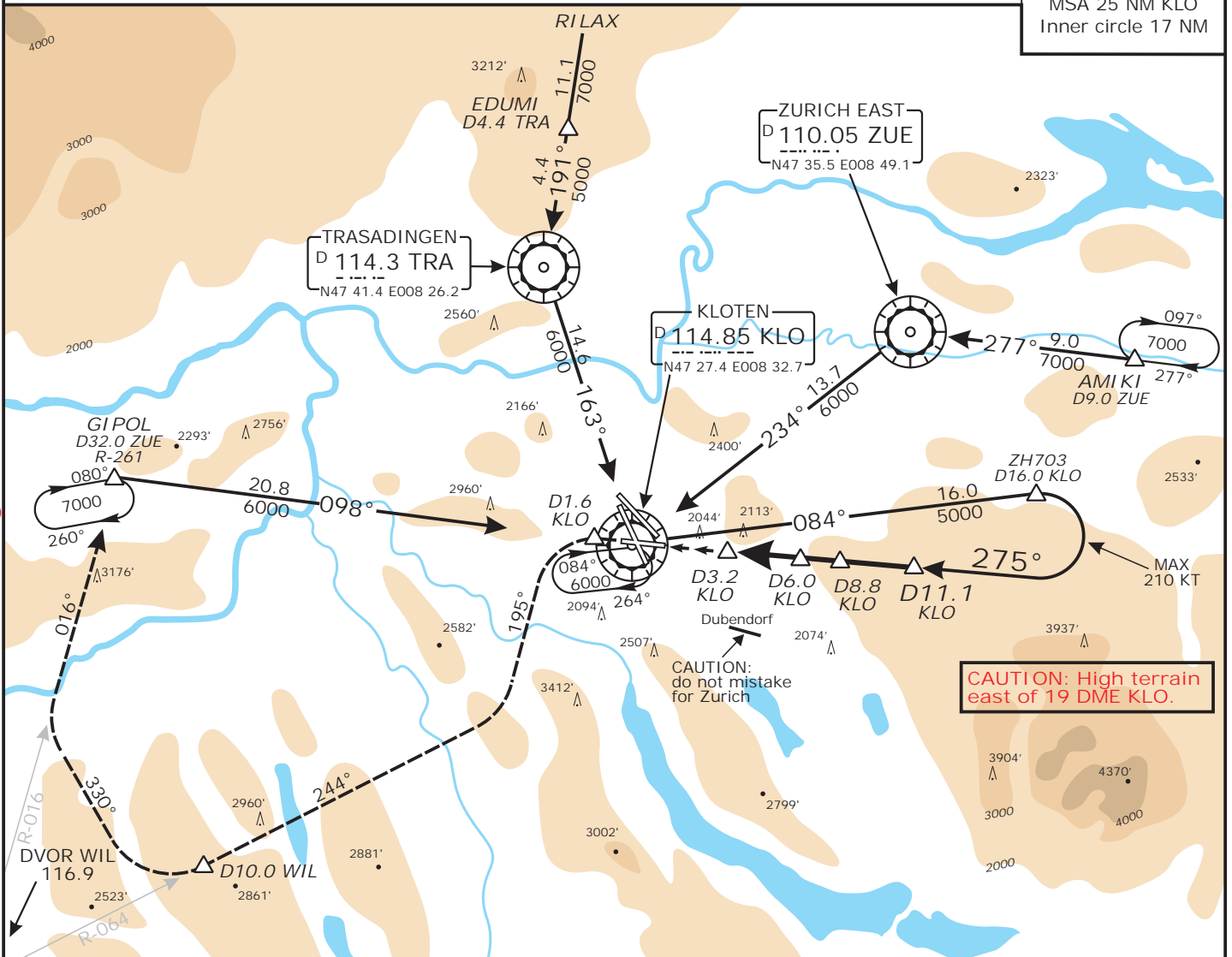
Valid for flight simulation use only - do not use for real life navigation

Swiss Radar LSAS_CTR 128.05	ZURICH Arrival LSZH_APP 131.15	ZURICH Final LSZH_W_APP 118.0	ZURICH Tower LSZH_TWR 118.10	ZURICH Apron LSZH_S_GND 121.75	ZURICH Apron LSZH_N_GND 121.85
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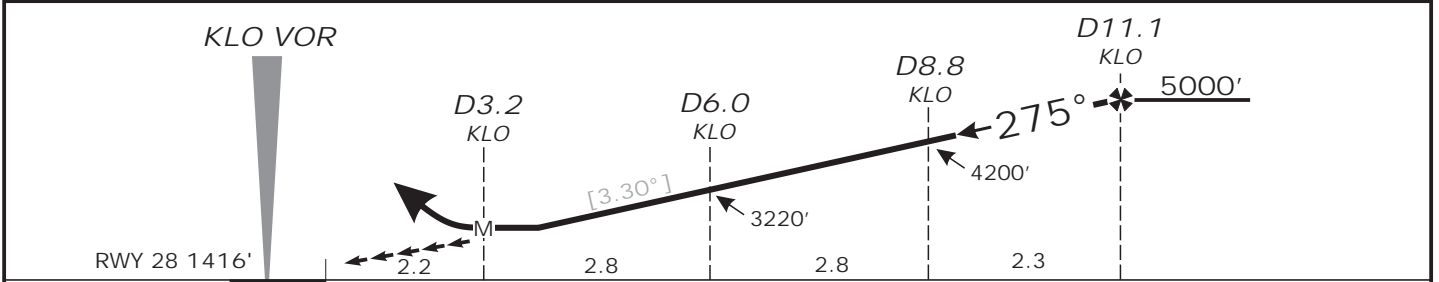
MISSED APPROACH: Climb on R-095° KLO to 4000'. At D1.6 KLO past the station, turn LEFT (MAX IAS 210 KT) onto track 195°, then continue climb to 7000'. Intercept R-064 WIL inbound. At D10.0 WIL turn RIGHT onto 330°, intercept R-016 WIL. Proceed to GIPOL.



Alt Set: hPa Rwy Elev: 51 hPa
Trans level: By ATC Trans alt: 7000'
Expect turbulences on short final during south-westerly winds.
DME reads D1.0 KLO at threshold



KLO	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
ALTIUDE	2520'	2870'	3220'	3570'	3920'	4270'	4620'	4970'



Flight Simulator-OPS	STRAIGHT-IN LANDING RWY 28	Gnd speed-Kts	70	90	100	120	140	160
	MDA(H) 2360' (944')	Descent Gradient 5.77% or [3.30°]	409	526	584	701	818	935
		MAP at D3.2 KLO						

CHANGES: App frequency

LSZH/ZRH ZURICH

APP CHART NO.6
Revision 25 AUG 11

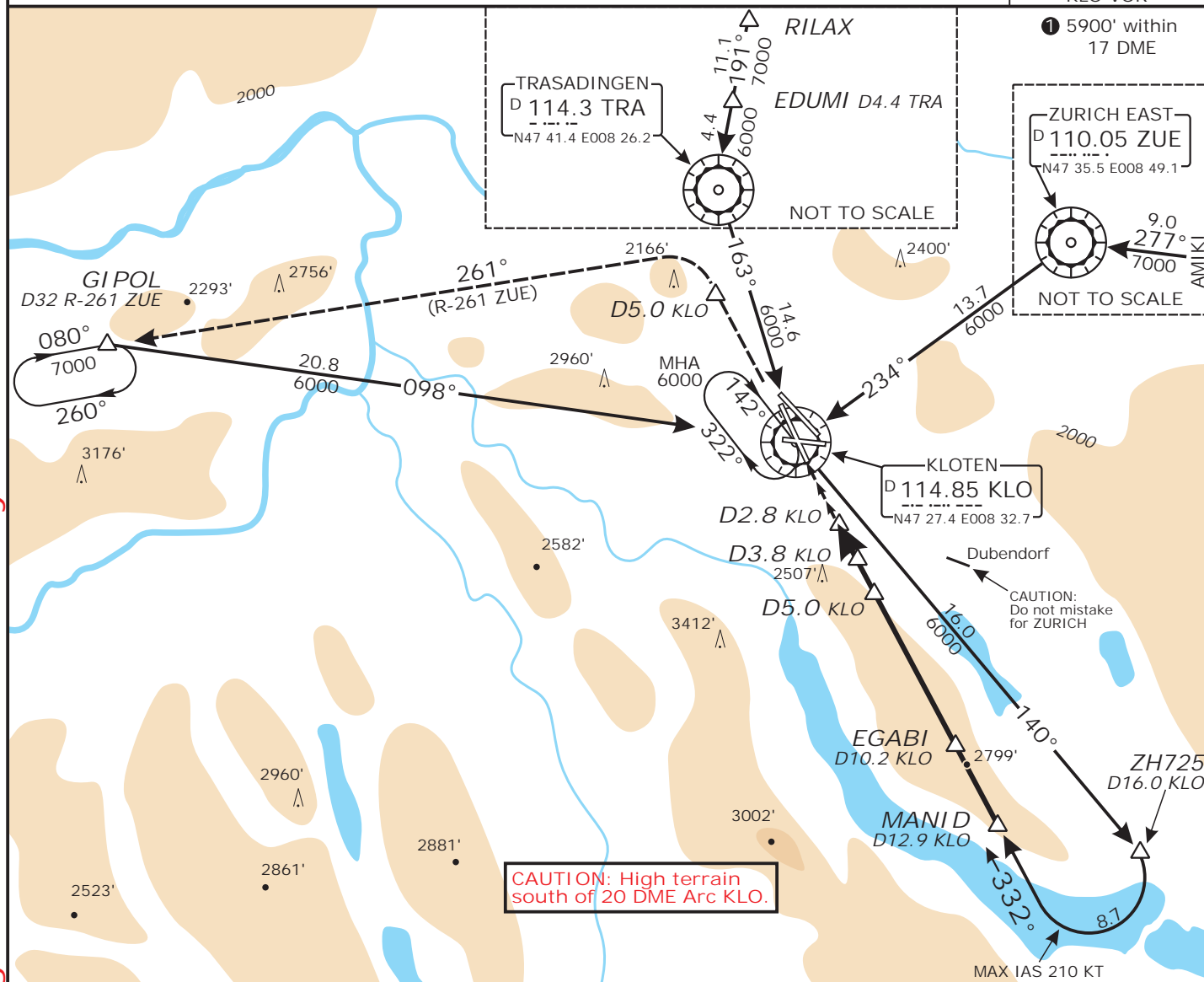
ZURICH, SWITZERLAND (GPS) VOR DME Rwy 34

Valid for flight simulation use only - do not use for real life navigation

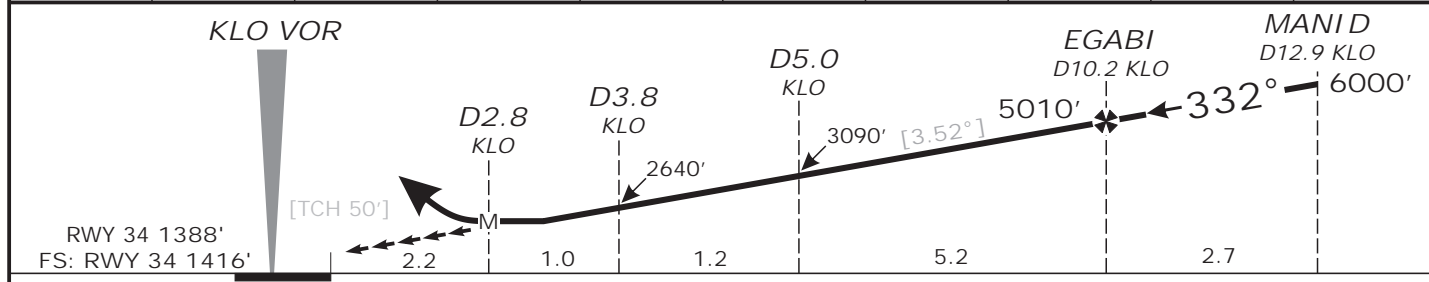
Swiss Radar LSAS_CTR 128.05	ZURICH Arrival LSZH_APP LSZH_W_APP 131.15 118.0	ZURICH Final LSZH_F_APP 125.35	ZURICH Tower LSZH_TWR 118.10	ZURICH Apron LSZH_S_GND 121.75	ZURICH Apron LSZH_N_GND 121.85
VOR KLO 114.85	Final Apch Crs 332°	Minimum Alt EGABI 5010' (3584')	MDA(H) 2430' (1014')	Apt Elev 1416' FS: RWY 1416 RWY 1388'	

MISSED APCH: Climb on R-152 inbound KLO VOR. Initial climb to 5000'. Continue on R-332 KLO. At D5.0 passed the station turn LEFT. Continue climb to 7000'. Intercept R-261 ZUE. Proceed to GIPOL.

Alt Set: hPa Rwy Elev: 51 hPa Trans level: By ATC Trans alt: 7000'



KLO DME	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0
ALTITUDE	2720'	3090'	3460'	3830'	4190'	4560'	4930'	5300'	5670'



Flight Simulator-OPS	STRAIGHT-IN LANDING RWY 34 MDA(H) 2430' (1014')	Gnd speed-Kts	70	90	100	120	140	160
	4500m	Descent Gradient 6.15% or Descent angle [3.52°]	436	561	623	748	872	997
		MAP at D2.8 KLO						

CHANGES: Communications.