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AIP Services

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AIRAC

AIP

AIRAC AMDT 002 2026

Effective Date 19 FEB 2026
Publication Date 08 JAN 2026

RMK

Filing instruction: Insert this AIRAC AMDT into AIP before inserting AMDT of same effective date, if issued.

1. Insert the following pages:

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2. Record entry of amendment on page GEN 0.2

3. This AIP AMDT incorporates information contained in the following publications:

NOTAM: A645/25

AIP SUP: NIL

AIC: NIL

Enroute chart: NIL

4. Following SUP and AIRAC SUP are still in force on effective date:

Checklist SUP: 002 2025, 003 2025, 004 2025, 005 2025, 006 2025, 007 2025, 001/2026, 002/2026

Checklist AIRAC SUP: NIL

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AIRAC AIP Amendment			
NR/Year	Publication date	Effective Date	Inserted by
009/2023	19-Oct-2023	30-Nov-2023	
010/2023	16-Nov-2023	28-Dec-2023	
001/2024	14-Dec-2023	25-Jan-2024	
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001/2026	11-Dec-2025	22-Jan-2026	
002/2026	08-Jan-2026	19-Feb-2026	

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D

D...	Danger area *(followed by identification)*
D	Downward *(tendency in RVR during previous 10 minutes)*
D*	FRA departure connecting point
DA	Decision altitude
DABS*	Daily Airspace Bulletin Switzerland
DCT	Direct *(in relation to flight plan clearances and type of approach)*
DEC	December
DECL [decl]*	Declination
DEG [°]	Degrees
DEL*	Delivery, issuance (ATC clearance)
DEP	Depart *or* departure
DEP	Departure *(message type designator)*
DEPO*	Deposition
DER	Departure end of the runway
DES	Descend to *or* descending to
DEST	Destination
DETRESFA†	Distress phase
DEV	Deviation *or* deviating
DFTI	Distance from touchdown indicator
DH	Decision height
DIF	Diffuse
DIST	Distance
DIV	Divert *or* diverting
DLA	Delay *or* delayed
DME	Distance measuring equipment
DNG	Danger *or* dangerous
do/id.*	ditto/idem
DOC*	Designated operational coverage (range and height)
DOM	Domestic
DP	Dew point temperature
DPT	Depth
DR	Dead reckoning
DR ...	Low drifting *(follow by DU = dust, SA = sand or SN = snow)*
DRG	During
DS	Duststorm
DTAM	Descend to and maintain
DTG	Date-time group
DTHR	Displaced runway threshold
DTW	Dual tandem wheels
DU	Dust
DUC	Dense upper cloud
DUR	Duration
DVOR	Doppler VOR
DW	Dual wheels
DZ	Drizzle

E

E	East *or* eastern longitude
E*	FRA horizontal entry point
EAT	Expected approach time
EB	Eastbound
EET	Estimated elapsed time
EFB*	Electronic flight bag
EFC	Expect further clearance
EFVS*	Enhanced flight vision systems
EFVS-A*	EFVS approach
EFVS-L*	EFVS landing
ELBA†	Emergency location beacon-aircraft
ELEV	Elevation
ELT	Emergency location transmitter
EM	Emission
EMBD	Embedded in a layer *(to indicate cumulonimbus embedded in layers of other clouds)*
EMERG	Emergency
En*	English
END	Stop-end *(related to RVR)*
ENE	East-north-east
ENG	Engine
ENR	En route
EOBT	Estimated off-block time
EQPT	Equipment
ENRC	Enroute chart
ENRC-FRA*	Enroute chart -Free Route Airspace
ESE	East-south-east
EST	Estimate *or* estimated *or* estimation *(message type designator)*
ETA	Estimated time of arrival *or* estimating arrival
ETD	Estimated time of departure *or* estimating departure
ETE*	Summer *(summer time period)*
ETO	Estimated time over significant point
EUR RODEX*	European regional OPMET data exchange
EV	Every
EVS*	Enhanced vision system
EXC	Except
EXER	Exercise(s) *or* exercising *or* to exercise
EXP	Expect *or* expected *or* expecting
EXTD	Extend *or* extending

F

F	Fixed
FAC	Facilities
FAF	Final approach fix
FAL	Facilitation of international air transport
FAP	Final approach point
FATO	Final approach and take-off area
FAX	Facsimile transmission
FCST	Forecast
FCT	Friction coefficient
FEB	February
FG	Fog
FIC	Flight information centre

FIR	Flight information region
FIS	Flight information service
FISA	Automated flight information service
FIZ*	Flight Information Zone
FL	Flight level
FLD	Field
FLG	Flashing
FLT	Flight
FLW	Follow(s) *or* following
FM ...	From *(followed by time weather change is forecast to begin)*
FMU	Flow management unit
FOCA*	Federal Office of Civil Aviation (BAZL, OFAC, UFAC)
FPL	Filed flight plan *(message type designator)*
FPM [ft/min]	Feet per minute
FPR	Flight plan route
Fr*	French
FR	Fuel remaining
FRA	Free Route Airspace
FREQ	Frequency
FRI	Friday
FRNG	Firing
FRONT†	Front *(relating to weather)*
FSS	Flight service station
FT [ft]	Feet *(dimensional unit)*
FTP	Fictitious threshold point
FU	Smoke
FZ	Freezing
FZDZ	Freezing drizzle
FZFG	Freezing fog
FZRA	Freezing rain

G

G	Green
G/A	Ground-to-air
GAC*	General Aviation Centre (CAG)
GAFOR*	General aviation forecast
GAIN	Airspeed or headwind gain
GBAS†	Ground-based augmentation system (to be pronounced “GEE-BAS”)
GCA	Ground controlled approach system *or* ground controlled approach
Ge*	German
GEN	General
GEO	Geographic *or* true
GES	Ground earth station
GLD	Glider
GLS	GBAS landing system
GND	Ground
GNDCK	Ground check
GNSS	Global navigation satellite system
GP	Glide path
GR	Hail
GRASS	Grass landing area
GRVL	Gravel
GS	Ground speed
GS	Small hail *and/or* snow pellets
GUND	Geoid undulation

H

H24	Continuous day and night service
HAPI	Helicopter approach path indicator
HBN	Hazard beacon
HDG	Heading
HEL	Helicopter
HEMS*	Helicopter Emergency Medical Service
HF	High frequency (3000 to 30’000 kHz)
HGT	Height *or* height above
HIV*	Winter *(standard time period CET)*
HJ	Sunrise to sunset
HLDG	Holding
HN	Sunset to sunrise
HO	Service available to meet operational requirements
HOL	Holiday
HOSP	Hospital aircraft
HPA [hPa]	Hectopascal
HR [h]	Hours
HRH*	Day and night limit hours (REF GEN 2.7
HRP	Heliport reference point
HS	Service available during hours of scheduled operations
HUD	Head-up display
HVY	Heavy
HX	No specific working hours
HYR	Higher
HZ	Haze
HZ [Hz]	Hertz

I

I*	FRA intermediate point
IAC	Instrument approach chart
IAF	Initial approach fix
IAR	Intersection of air routes
IAS	Indicated airspeed
IBN	Identification beacon
IC	Ice crystals *(very small ice crystals in suspension, also known as diamond dust)*
ICAO*	International Civil Aviation Organization
ID	Identifier *or* identify
IDENT†	Identification
IF	Intermediate approach fix
IFF	Identification friend/foe
IFR	Instrument flight rules

IGS*	Instrument guidance system
ILS	Instrument landing system
IM	Inner marker
IMC	Instrument meteorological conditions
IMG	Immigration
INA	Initial approach
INBD	Inbound
INCERFA†	Uncertainty phase
INFO†	Information
INOP	Inoperative
INS	Inertial navigation system
INT	Intersection
INTL	International
INTST	Intensity
IR	Ice on runway
ISA	International standard atmosphere
It*	Italian

J

JAA*	Joint Aviation Authorities
JAN	January
JTST	Jet stream
JUL	July
JUN	June

K

KG [kg]	Kilograms
KHZ [kHz]	Kilohertz
KM [km]	Kilometres
KMH [km/h]	Kilometres per hour
KOSIF*	Coordination office for firings and safety of air navigation
KPA [kPa]	Kilopascal
KT [kt]	Knots
KW [kw]	Kilowatts

L

L	Left *(runway identification)*
L	Litre
L	Locator (LO)
LAT [°]	Latitude
LC*	Landing chart
LCA	Locally *or* local *or* location *or* located
LDA	Landing distance available
LDAH	Landing distance available, helicopter
LDG	Landing
LDI	Landing direction indicator
LED*	Light-emitting diode
LEN	Length
LF	Low frequency (30 to 300 kHz)
LFHK*	Chart of Air Navigation Obstacles (ONAV)
LFN*	Low Flight Network
LGT	Light *or* lighting
LGTD	Lighted
LIH	Light intensity high
LIL	Light intensity low
LIM	Light intensity medium
LM	Locator, middle
LMT	Local mean time
LNAV	Lateral navigation
LO	Locator, outer
LOC	Localizer
LONG [°]	Longitude
LOSS	Airspeed or headwind loss
LPV	Localizer performance with vertical guidance
LT*	Swiss time/local time
LTD	Limited
LTP	Landing threshold point
LTT	Landline teletypewriter
LV	Light and variable *(relating to wind)*
LVE	Leave *or* leaving
LVL	Level
LVO*	Low visibility operations
LVP	Low visibility procedures

M

M [m]	Metres *(preceded by figures)*
M	Mach number *(followed by figures)*
MA*	Chart of air masses
MAA	Maximum authorized altitude
MAG	Magnetic
MAINT	Maintenance
MAP	Aeronautical maps and charts
MAPT	Missed approach point
MAR	March
MAX	Maximum
MAY	May
MCA	Minimum crossing altitude
MDA	Minimum descent altitude
MDH	Minimum descent height
MEA	Minimum en-route altitude
MEHT	Minimum eye height over threshold *(for VASIS)*
MET†	Meteorological *or* meteorology
METAR†	Aerodrome routine meteorological report *(in aeronautical meteorological code)*
MF	Medium frequency (300 to 3’000 kHz)
MHZ [MHz]	Megahertz
MID	Mid-point *(related to RVR)*
MIL	Military
MIN [min]	Minutes
MKR	Marker radio beacon
MLAT*	Multilateration
MLS	Microwave landing system
MM	Middle marker
MNM	Minimum
MNT	Monitor *or* monitoring *or* monitored
MOA	Military operating area
MOC	Minimum obstacle clearance *(required)*

MOCA	Minimum obstacle clearance altitude
MON	Monday
MPS [m/s]	Metres per second
MRA	Minimum reception altitude
MRP	ATS/MET reporting point
MS	Minus
MSA	Minimum sector altitude
MSG	Message
MSL	Mean sea level
MT	Mountain
MTOM*	Maximum take-off mass
MWO	Meteorological watch office

N

N	North *or* northern latitude
N	No distinct tendency *(in RVR during previous 10 minutes)*
NAT	North Atlantic
NAV	Navigation
NB	Northbound
NBFR	Not before
NC	No change
NDB	Non-directional radio beacon
NE	North-east
NEB	North-eastbound
NEG	No *or* negative *or* permission not granted *or* that is not correct
NGT	Night
NIL†	None *or* I have nothing to send to you
NM [M]	Nautical miles
NML	Normal
NN	No name, unnamed
NNE	North-north-east
NNW	North-north-west
NOF	International NOTAM office
NOSIG†	No significant change *(used in trend-type landing forecasts)*
NOTAM†	A notice containing information concerning the establishment, condition *or* change in any aeronautical facility, service, procedure *or* hazard, the timely knowledge of which is essential to personnel concerned with flight operations
NOV	November
NPZ*	Non-standard planning zone
NR	Number
NRH	No reply heard
NS	Nimbostratus
NSC	Nil significant cloud
NSW	Nil significant weather
NVFR*	VFR by night
NW	North-west
NWB	North-westbound

O

OACI*	ICAO
OAS	Obstacle assessment surface
OBS	Observe *or* observed *or* observation
OBST	Obstacle
OCA	Obstacle clearance altitude
OCC	Occulting *(light)*
OCH	Obstacle clearance height
OCNL	Occasional *or* occasionally
OCS	Obstacle clearance surface
OCT	October
OFAC*	Federal Office of Civil Aviation (BAZL, FOCA, UFAC)
OHD	Overhead
OM	Outer marker
ONAV*	Air Navigation Obstacle Chart including Glider Flying Information (LFHK)
OPMET†	Operational meteorological (*information)*
OPN	Open *or* opening *or* opened
OPR	Operator *or* operate *or* operative *or* operating *or* operational
OPS†	Operations
O/R	On request
OTS	Organized track system
OUBD	Outbound

P

P ...	Prohibited area *(followed by identification)*
PALS	Precision approach lighting system *(specify CAT)*
PANS	Procedures for air navigation services
PAPI†	Precision approach path indicator
PAR	Precision approach radar
PARL	Parallel
PAX	Passengers
PBN	Performance-based navigation
PCD	Proceed *or* proceeding
PCR	Pavement classification rating
PDG	Procedure design gradient
PER	Performance
PERM	Permanent
PJE	Parachute jumping exercise
PLN	Flight plan
PLVL	Present level
PN	Prior notice required
POB	Persons on board
POSS	Possible
PPI	Plan position indicator
PPR	Prior permission required
PPSN	Present position
PRI	Primary

GEN 2.5 LIST OF RADIO NAVIGATION AIDS

Except the DVOR/DME BLM, all radio navigation aids listed below and landing aids published in the tables AD 2.19 “Radio navigation and landing aids” of the corresponding aerodrome have Skyguide (Swiss Air Navigation Services Ltd) as their service provider.

Encode			
STATION NAME	**FACILITY**	**ID**	**PURPOSE**
BÂLE-MULHOUSE	DVOR/DME	BLM	AE
BERN-BELP	ILS/LOC/DME RWY 14	IBE	A
CORVATSCH	DME	CVA	E
GENÈVE	ILS/LOC/DME RWY 04	INE	A
GENÈVE	ILS/LOC/DME RWY 22	ISW	A
HOCHWALD	DME	HOC	AE
KLOTEN (ZURICH AIRPORT)	DVOR/DME	KLO	A
KRONBERG	DME	KRO	AE
LA DOLE	DME	LDL	AE
LA PRAZ	DME	LAP	AE
LUGANO	ILS/LOC/DME RWY 01	ILU	A
PASSEIRY	DVOR/DME	PAS	AE
PAYERNE	ILS/LOC/DME RWY 05	IPN	A
PAYERNE	ILS/LOC/DME RWY 23	IPY	A
MT. PELERIN	DME	PEL	AE
SION	ILS/LOC/DME RWY 26	ISI	A
SION	DVOR/DME	SIO	A
ST. GALLEN-ALTENRHEIN	ILS/LOC/DME RWY 10	IAL	A
STOCKHORN	DME	STH	AE
TRASADINGEN	DME	TRA	AE
WEISSFLUHGIPFEL	DME	WFJ	E
WILLISAU	DVOR/DME	WIL	AE
ZURICH	GBAS	GZH	A
ZURICH	ILS/LOC/DME RWY 14	IKL	A
ZURICH	ILS/LOC/DME RWY 16	IZH	A
ZURICH	ILS/LOC/DME RWY 28	IZW	A
ZURICH	ILS/LOC/DME RWY 34	IZS	A
ZURICH EAST	DVOR/DME	ZUE	AE

Decode			
ID	**STATION NAME**	**FACILITY**	**PURPOSE**
BLM	BÂLE-MULHOUSE	DVOR/DME	AE
CVA	CORVATSCH	DME	E
GZH	ZURICH	GBAS	A
HOC	HOCHWALD	DME	AE
IAL	ST. GALLEN-ALTENRHEIN	ILS/LOC/DME RWY 10	A
IBE	BERN-BELP	ILS/LOC/DME RWY 14	A
IKL	ZURICH	ILS/LOC/DME RWY 14	A
ILU	LUGANO	ILS/LOC/DME RWY 01	A
INE	GENÈVE	ILS/LOC/DME RWY 04	A
IPN	PAYERNE	ILS/LOC/DME RWY 05	A
IPY	PAYERNE	ILS/LOC/DME RWY 23	A
ISI	SION	ILS/LOC/DME RWY 26	A
ISW	GENÈVE	ILS/LOC/DME RWY 22	A
IZH	ZURICH	ILS/LOC/DME RWY 16	A
IZS	ZURICH	ILS/LOC/DME RWY 34	A
IZW	ZURICH	ILS/LOC/DME RWY 28	A
KLO	KLOTEN (ZURICH AIRPORT)	DVOR/DME	A
KRO	KRONBERG	DME	AE
LAP	LA PRAZ	DME	AE
LDL	LA DOLE	DME	AE
PAS	PASSEIRY	DVOR/DME	AE
PEL	MT. PELERIN	DME	AE
SIO	SION	DVOR/DME	A
STH	STOCKHORN	DME	AE
TRA	TRASADINGEN	DME	AE
WFJ	WEISSFLUHGIPFEL	DME	E
WIL	WILLISAU	DVOR/DME	AE
ZUE	ZURICH EAST	DVOR/DME	AE

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
L613								
▲ SUXAN	46 33 44 N 010 28 45 E							
	315° / 135°	5.7 NM	FL660 / *15500 ft* *MEA = 16000 ft*	*MOCA = 14800 ft*	Even	Odd	± 5 NM	ACC Zurich {C} (2)
△ VALAV	46 37 58 N 010 23 10 E							
	326° / 146°	10.3 NM	FL660 / *15500 ft* *MEA = 16000 ft*	*MOCA = 14800 ft*	Even	Odd	± 5 NM	ACC Zurich {C} (2)
△ RONAG	46 46 46 N 010 15 32 E							
	290° / 109°	42.7 NM	FL660 / *14500 ft* *MEA = 15000 ft*	*MOCA = 13400 ft*	Even	Odd	± 5 NM	ACC Zurich {C, E}
△ ARGAX	47 03 00 N 009 17 53 E							
	289° / 109°	17.2 NM	FL660 / *11500 ft* *MEA = 12000 ft*	*MOCA = 10000 ft*	Even	Odd	± 5 NM	ACC Zurich {C, E}
△ ELMUR	47 09 24 N 008 54 27 E							
	288° / 107°	8.1 NM	FL660 / *8500 ft* *MEA = 9000 ft*	*MOCA = 7600 ft*	Even	Odd	± 5 NM	ACC Zurich {C, E}
△ MANEG	47 12 15 N 008 43 20 E							
	287° / 107°	9.7 NM	FL660 / *8500 ft* *MEA = 9000 ft*	*MOCA = 5200 ft*	Even	Odd	± 5 NM	ACC Zurich {C, D, E}
△ RIPUS	47 15 37 N 008 30 00 E							
	287° / 107°	7.3 NM	FL660 / *8500 ft* *MEA = 9000 ft*	*MOCA = 4600 ft*	Even	Odd	± 5 NM	ACC Zurich {C, D, E}
△ DITON	47 18 08 N 008 20 00 E							
	287° / 107°	29.0 NM	FL660 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5100 ft*	Even	Odd	± 5 NM	ACC Zurich {C, D, E}
△ Hochwald DME (HOC)	47 28 00 N 007 39 56 E							

SUXAN - MANEG: CDR 1 H24
(2) Class D within FIR MILANO

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
L615								
▲ DINOX	46 40 00 N 006 07 11 E							
	128°/308°	18.1 NM	FL500 / *7800 ft* *MEA = 8000 ft*	*MOCA = 7800 ft*	Odd	Even	± 5 NM	ACC Geneva REF: AIP France {C, D, E}
△ SAPRE	46 28 07 N 006 26 53 E							
	324°	14.0 NM	FL500 / *11000 ft* *MEA = 11000 ft*	*MOCA = 10300 ft*		Even	± 5 NM	ACC Geneva REF: AIP France {C, D, E}
△ SOFIK	46 16 24 N 006 37 57 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
N869								
△ NATOR	48 10 12 N 008 19 17 E							
	206°	59.0 NM	FL660 / FL105 MEA = FL110	*MOCA = 6300 ft*	Odd		± 5 NM	UAC Karlsruhe ACC Zurich {C, D}
△ OLBEN	47 18 16 N 007 37 46 E							
	229°	13.5 NM	FL660 / *10500 ft* *MEA = 11000 ft*	*MOCA = 5900 ft*	Odd		± 5 NM	ACC Zurich {C, D}
△ LUTIX	47 09 54 N 007 22 14 E							
	229°	10.4 NM	FL660 / *10500 ft* *MEA = 11000 ft*	*MOCA = 5900 ft*	Odd		± 5 NM	ACC Zurich {C, D}
△ BENOT	47 03 28 N 007 10 22 E							
	228°	14.0 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 5900 ft*	Odd		± 5 NM	ACC Geneva {C, D, E}
△ NEMOS	46 54 43 N 006 54 24 E							
	228°	17.6 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 5500 ft*	Odd		± 5 NM	ACC Geneva {C, E}
△ VEROX	46 43 39 N 006 34 24 E							
	227°	38.4 NM	FL500 / FL095 MEA = FL100	*MOCA = 7300 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ MILPA	46 18 09 N 005 52 47 E							
OLBEN - MILPA: CDR 1 H24 By ATC: Alternative route via N850 - TRA - Z669								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
N871								
▲ MOLUS	46 26 38 N 006 40 46 E							
	048°	10.9 NM	FL500 / *9500 ft* *MEA = 10000 ft*	*MOCA = 8100 ft*	Even		± 5 NM	ACC Geneva {C, E}
△ SOSAL	46 33 29 N 006 53 04 E							
	048°	20.5 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 8100 ft*	Even		± 5 NM	ACC Geneva {C, E}
△ TELNO	46 46 19 N 007 16 15 E							
	048°	7.6 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 6900 ft*	Even		± 5 NM	ACC Geneva {C, E}
△ KORED	46 51 02 N 007 24 51 E							
	048°	14.0 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 5300 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ KONOL	46 59 43 N 007 40 51 E							
	049°	13.6 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 5400 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ BERSU	47 08 08 N 007 56 29 E							
	055°	3.4 NM	FL660 / *13500 ft* *MEA = 14000 ft*	*MOCA = 5200 ft*	Even		± 5 NM	ACC Zurich {C}
△ SUREP	47 09 55 N 008 00 39 E							
	055°	15.5 NM	FL660 / *13500 ft* *MEA = 14000 ft*	*MOCA = 4700 ft*	Even		± 5 NM	ACC Zurich {C}
△ DITON	47 18 08 N 008 20 00 E							
	076°	36.0 NM	FL660 / *13500 ft* *MEA = 14000 ft*	*MOCA = 5700 ft*	Odd		± 5 NM	ACC Zurich {C}
△ DEGES	47 24 45 N 009 12 07 E							
	088°	18.3 NM	FL660 / *10500 ft* *MEA = 11000 ft*	*MOCA = 6600 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ GAMSA	47 24 30 N 009 39 07 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
P131								
△ RESIA	46 28 42 N 010 02 36 E							
	137°/317°	25.3 NM	FL195/FL165 MEA = FL170	*MOCA = 14000 ft*	Even	Odd	± 5 NM	ACC Padova ACC Zurich REF: AIP Italy {C,D}
△ ATPED	46 09 15 N 010 25 49 E							
RESIA - ATPED: CDR 1 H24								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	 ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Q226								
△ Passeiry DVOR/ DME (PAS)	46 09 49 N 006 00 00 E							
	180°	18.1 NM	FL195 / FL145 MEA = FL150	*MOCA = 7900 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ RUMIL	45 51 43 N 005 58 53 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T10								
△ VEBIT	47 16 07 N 008 00 21 E							
	275°	15.5 NM	FL660 / *5700 ft* *MEA = 6000 ft*	*MOCA = 5700 ft*	Even		± 5 NM	ACC Zurich APP Zurich {C, D, E}
△ OLBEN	47 18 16 N 007 37 46 E							
	285°	20.4 NM	FL660 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5800 ft*	Even		± 5 NM	ACC Zurich APP Bâle ACC Reims {C, D, E}
△ LUMEL	47 24 26 N 007 09 14 E							
	281°	20.6 NM	FL500 / *14500 ft* *MEA = 15000 ft*	*MOCA = 4600 ft*	Even		± 5 NM	APP Bâle ACC REIMS > FL195 REF: AIP France {C, D}
△ TORPA	47 28 46 N 006 39 31 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T14								
△ LASUN	47 24 51 N 007 32 15 E							
	266°	15.6 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 4800 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ LUMEL	47 24 26 N 007 09 14 E							
	265°	9.5 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 4400 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ ARNOT	47 24 08 N 006 55 12 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T37								
▲ KOVAR	46 23 31 N 005 49 01 E							
	149° / 329°	15.7 NM	FL500 / *7900 ft* *MEA = 8000 ft*	*MOCA = 7900 ft*	Odd	Even	± 5 NM	ACC Geneva REF: AIP France {C} (2)
△ Passeiry DVOR/ DME (PAS)	46 09 49 N 006 00 00 E							
	113° / 293°	14.0 NM	FL195 / *9900 ft* *MEA = 10000 ft*	*MOCA = 9900 ft*	Odd	Even	± 5 NM	ACC Geneva REF: AIP France {C} (2)
△ EMGUT	46 03 56 N 006 18 19 E							

(2) within FIR Switzerland; outside REF: AIP France

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T40								
△ LISMO	46 52 14 N 005 46 41 E							
	113° / 293°	43.3 NM	FL195 / *6503 ft* *MEA = 7000 ft*	*MOCA = 6200 ft*	Odd	Even	± 5 NM	ACC Geneva REF: AIP France {C, D, E} (2)
△ REVLI	46 35 11 N 006 44 36 E							

LISMO - REVLI: Only by ATC H24
(2) within FIR Switzerland; outside REF: AIP France

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T45								
△ VENAT	46 14 39 N 006 35 48 E							
	031°	22.3 NM	FL500 / *12500 ft* *MEA = 13000 ft*	*MOCA = 9500 ft*	Even		± 5 NM	ACC Geneva REF: AIP France {C}
△ SOSAL	46 33 29 N 006 53 04 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T50								
△ VEBIT	47 16 07 N 008 00 21 E							
	245°	12.4 NM	FL660 / *6500 ft* *MEA = 7000 ft*	*MOCA = 4400 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ ROTOS	47 11 24 N 007 43 31 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T51								
△ VEBIT	47 16 07 N 008 00 21 E							
	292°	7.5 NM	FL660 / *6500 ft* *MEA = 7000 ft*	*MOCA = 4200 ft*	Even		± 5 NM	ACC Zurich {C, D, E}
△ DANZE	47 19 16 N 007 50 17 E							
	292°	13.5 NM	FL660 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5400 ft*	Even		± 5 NM	ACC Zurich {C, D, E}
△ LASUN	47 24 51 N 007 32 15 E							
	284°	33.9 NM	FL195 / *11500 ft* *MEA = 12000 ft*	*MOCA = 5700 ft*	Even		± 5 NM	ACC Zurich APP Bâle ACC Reims REF: AIP France {C, D, E}
△ Hericourt NDB (HR)	47 33 42 N 006 43 56 E							
BLW FL145: Bâle APP within Bâle CTA part 1								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T52								
△ VEBIT	47 16 07 N 008 00 21 E							
	272°	29.7 NM	FL095 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5900 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ BALIR	47 18 30 N 007 16 53 E							
	316°	7.9 NM	FL095 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5700 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ LUMEL	47 24 26 N 007 09 14 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T330								
▲ MOLUS	46 26 38 N 006 40 46 E							
	333°	41.4 NM	FL500 / FL125 MEA = FL130	*MOCA = 8100 ft*	Even		± 5 NM	ACC Geneva REF: AIP France {C, D}
△ GILIR	47 03 48 N 006 14 21 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T345								
△ Passeiry DVOR/ DME (PAS)	46 09 49 N 006 00 00 E							
	131°	19.6 NM	FL195 / *10600 ft* *MEA = 11000 ft*	*MOCA = 10600 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C, D, E}
△ ODIKI	45 56 32 N 006 20 37 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T544								
▲ TOKDO	46 01 30 N 005 42 40 E							
	235°	14.7 NM	FL195 / *7900 ft* *MEA = 8000 ft*	*MOCA = 7900 ft*		Odd	± 5 NM	REF: AIP France {C} (3)
△ Passeiry DVOR/ DME (PAS)	46 09 49 N 006 00 00 E							
	043° / 224°	8 NM	FL095 / *6500 ft* *MEA = 7000 ft*	*MOCA = 6300 ft*	Even	Odd	± 5 NM	ACC Geneva {C} (4)
△ GEVEA	46 15 14 N 006 07 56 E							
	044° / 224°	10 NM	FL095 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5800 ft*	Even	Odd	± 5 NM	ACC Geneva {C} (4)
△ PETAL	46 22 05 N 006 18 01 E							
	042° / 222°	9 NM	FL095 / *6500 ft* *MEA = 7000 ft*	*MOCA = 4700 ft*	Even	Odd	± 5 NM	ACC Geneva {C} (4)
△ SAPRE	46 28 07 N 006 26 53 E							
	057° / 237°	14.1 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 4700 ft*	Even	Odd	± 5 NM	ACC Geneva {C} (4)
△ REVLI	46 35 11 N 006 44 36 E							
	056° / 236°	11.0 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5500 ft*	Even	Odd	± 5 NM	ACC Geneva {C, E} (4)
△ ROMOM	46 40 52 N 006 58 14 E							
	058° / 238°	11.9 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 7300 ft*	Even	Odd	± 5 NM	ACC Geneva {C, E} (4)
△ FRIBU	46 46 39 N 007 13 25 E							
	046° / 227°	36.9 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 7100 ft*	Even	Odd	± 5 NM	ACC Geneva {C, D, E} (2)
△ Willisau DVOR/DME (WIL)	47 10 42 N 007 54 21 E							
	214°	6.8 NM	FL095 / *6500 ft* *MEA = 7000 ft*	*MOCA = 4500 ft*		Odd	± 5 NM	APP Zurich APP Bern {C, E}
△ VEBIT	47 16 07 N 008 00 21 E							

(2) {D} within Bern TMA
(3) within FIR Switzerland; outside REF: AIP France
(4) {C} within TMA Geneva

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T625								
△ ROMIR	47 42 47 N 009 06 28 E							
	196° / 016°	24.0 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5800 ft*	Odd	Even	± 5 NM	APP Zurich {C, D}
△ SUBEX	47 20 07 N 008 54 45 E							
	254° / 074°	42.2 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5500 ft*	Odd	Even	± 5 NM	APP Zurich {C, D, E}
△ Willisau DVOR/DME (WIL)	47 10 42 N 007 54 21 E							
	264° / 084°	12.2 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 4600 ft*	Even	Odd	± 5 NM	ACC Zurich APP Bern {C, E}
△ OSKUP	48 10 07 N 007 36 33 E							
	279° / 099°	20.8 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 6400 ft*	Even	Odd	± 5 NM	APP Bern {E}
△ DEKAM	47 14 24 N 007 06 46 E							
ROMIR - WIL: Only by ATC Alternative route for T125								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T626								
▲ Hericourt NDB (HR)	47 33 42 N 006 43 56 E							
	129°	16.2 NM	FL195 / FL085 MEA = FL090	*MOCA = 6900 ft*	Odd		± 5 NM	APP Bâle ACC Zurich REF: AIP France {C, D, E}
△ DOUCI	47 23 08 N 007 02 03 E							
	131°	19.1 NM	FL195 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5900 ft*	Odd		± 5 NM	ACC Zurich APP Bern {C, E}
△ LUTIX	47 09 54 N 007 22 14 E							
	086°	9.8 NM	FL195 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5900 ft*	Odd		± 5 NM	ACC Zurich APP Bern {C, E}
△ OSKUP	47 10 07 N 007 36 33 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
T627								
△ LUTIX	47 09 54 N 007 22 14 E							
	143°	4.4 NM	FL195 / *6000 ft* *MEA = 6000 ft*	*MOCA = 6000 ft*	Odd		± 5 NM	ACC Zurich APP Bern {C, D, E}
△ KOPPI	47 06 15 N 007 25 55 E							
	200°	5.9 NM	FL195 / *7500 ft* *MEA = 8000 ft*	*MOCA = 4600 ft*	Odd		± 5 NM	ACC Zurich APP Bern {C, D, E}
△ BIRKI	47 00 47 N 007 22 35 E							
	222°	4.9 NM	FL195 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5000 ft*	Odd		± 5 NM	ACC Zurich APP Bern {C, D, E}
△ ULMES	46 57 18 N 007 17 33 E							
LUTIX - ULMES: CDR 1 H24								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y1								
△ MILPA	46 18 09 N 005 52 47 E							
	105°	10.9 NM	FL500 / FL165 MEA = FL170	*MOCA = 7600 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France
△ GEVEA	46 15 14 N 006 07 56 E							
	105°	37.0 NM	FL500 / FL165 MEA = FL170	*MOCA = 13700 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France
△ VALOR	46 03 35 N 006 58 26 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y3								
△ ELBEG	47 41 49 N 007 44 58 E							
	131°	16.5 NM	FL105 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5100 ft*	Odd		± 5 NM	APP Zurich REF: AIP Germany {C, D, E}
△ GIPOL	47 30 19 N 008 02 27 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y5								
△ BARIG	47 16 07 N 008 33 40 E							
	256° / 075°	27.3 NM	FL165 / *7500 ft* *MEA = 8000 ft*	*MOCA = 4500 ft*	Odd	Even	± 5 NM	APP Zurich {C, D, E}
△ Willisau DVOR/DME (WIL)	47 10 42 N 007 54 21 E							
	062°	13.3 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4500 ft*		Even	± 5 NM	APP Bern {C, D, E}
△ MEBOX	47 05 10 N 007 36 33 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	 ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y21								
△ Passeiry DVOR/ DME (PAS)	46 09 49 N 006 00 00 E							
	144°	20.4 NM	FL500 / FL115 MEA = FL120	*MOCA = 9500 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C, D}
△ ESAPI	45 53 24 N 006 17 25 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y51								
△ ASSEQ	46 13 24 N 006 30 57 E							
	346°/166°	15.0 NM	FL500/FL105 MEA = FL110	*MOCA = 8800 ft*	Even	Odd	± 5 NM	ACC Geneva REF: AIP France {C}
△ SAPRE	46 28 07 N 006 26 53 E							
	001°/181°	6.0 NM	FL195/FL085 MEA = FL090	*MOCA = 6200 ft*	Even	Odd	± 5 NM	ACC Geneva {C}
△ KONIL	46 34 06 N 006 27 30 E							
	014°/194°	10.1 NM	FL195/FL085 MEA = FL090	*MOCA = 6900 ft*	Even	Odd	± 5 NM	ACC Geneva {C}
△ LORBU	46 43 46 N 006 31 44 E							
	009°/189°	11.0 NM	FL195/FL085 MEA = FL090	*MOCA = 6900 ft*	Even	Odd	± 5 NM	ACC Geneva {C, E}
△ FLORY	46 54 31 N 006 35 06 E							
	036°/216°	13.5 NM	FL195/FL085 MEA = FL090	*MOCA = 6200 ft*	Even	Odd	± 5 NM	ACC Geneva {C, E}
△ PALLU	47 05 00 N 006 47 36 E							
	051°/231°	16.1 NM	FL195/FL085 MEA = FL090	*MOCA = 7000 ft*	Even	Odd	± 5 NM	ACC Geneva {C, E}
△ DEKAM	47 14 24 N 007 06 46 E							
	056°/236°	8.0 NM	FL195/FL075 MEA = FL080	*MOCA = 5800 ft*	Even	Odd	± 5 NM	ACC Zurich {C, E}
△ BALIR	47 18 30 N 007 16 53 E							
	056°/236°	4.0 NM	FL195/FL075 MEA = FL080	*MOCA = 5700 ft*	Even	Odd	± 5 NM	ACC Zurich {C, D, E}
△ LEPLA	47 20 36 N 007 21 58 E							
	056°/236°	8.2 NM	FL195/FL105 MEA = FL110	*MOCA = 5700 ft*	Even	Odd	± 5 NM	ACC Zurich {C}
△ LASUN	47 24 51 N 007 32 15 E							
	056°/236°	6.1 NM	FL195/FL105 MEA = FL110	*MOCA = 5300 ft*	Even	Odd	± 5 NM	ACC Zurich {C}
△ Hochwald DME (HOC)	47 28 00 N 007 39 56 E							
SAPRE - BALIR: CDR 1 H24								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y52								
△ GOLEB	46 03 06 N 006 33 45 E							
	303°	3.7 NM	FL265 / *13500 ft* *MEA = 14000 ft*	*MOCA = 9900 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {D}
△ VALBU	46 05 10 N 006 29 23 E							
	303°	7.0 NM	FL265 / *10600 ft* *MEA = 11000 ft*	*MOCA = 9200 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C, D}
△ SUVEL	46 09 05 N 006 21 04 E							
	303°	4.9 NM	FL265 / *10600 ft* *MEA = 11000 ft*	*MOCA = 8000 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C, D}
△ BIVLO	46 11 50 N 006 15 14 E							
	226°	10.8 NM	FL265 / *8500 ft* *MEA = 9000 ft*	*MOCA = 8000 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ SALEV	46 04 26 N 006 03 57 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y55								
△ SOVAD	46 20 15 N 006 02 54 E							
	143°	6.1 NM	FL195 / FL095 MEA = FL100	*MOCA = 7200 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ GEVEA	46 15 14 N 006 07 56 E							
	192°	11.2 NM	FL195 / FL085 MEA = FL090	*MOCA = 6300 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ SALEV	46 04 26 N 006 03 57 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y56								
△ FRIBU	46 46 39 N 007 13 25 E							
	226°	64 NM	FL195 / FL105 MEA = FL110	*MOCA = 8200 ft*	Odd		± 5 NM	ACC Geneva {C}
△ SALEV	46 04 26 N 006 03 57 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y58								
△ NEMOS	46 54 43 N 006 54 24 E							
	199°	16.5 NM	FL265 / *9500 ft* *MEA = 10000 ft*	*MOCA = 5100 ft*	Odd		± 5 NM	ACC Geneva {C, E}
△ VADAR	46 39 26 N 006 45 13 E							
	225°	17.0 NM	FL265 / *9500 ft* *MEA = 10000 ft*	*MOCA = 4700 ft*	Odd		± 5 NM	ACC Geneva {C, E}
△ SAPRE	46 28 07 N 006 26 53 E							
	224°	18.4 NM	FL265 / *7800 ft* *MEA = 8000 ft*	*MOCA = 4900 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ GEVEA	46 15 14 N 006 07 56 E							
	192°	11.2 NM	FL265 / *7800 ft* *MEA = 8000 ft*	*MOCA = 6300 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ SALEV	46 04 26 N 006 03 57 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y61								
△ SOSON	46 36 24 N 008 35 39 E							
	098° / 278°	6.9 NM	FL245 / FL155 MEA = FL160	*MOCA = 12600 ft*	Even	Odd	± 5 NM	ACC Zurich {C}
△ LUKOM	46 35 06 N 008 45 31 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y100								
△ UMTEX	47 50 15 N 009 37 27 E							
	257°	48.9 NM	FL660 / *6000 ft* *MEA = 6000 ft*	*MOCA = 4600 ft*	Even		± 5 NM	UAC Karlsruhe ACC Munchen ACC Zurich REF: AIP Germany {C, E}
△ Trasadingen DME (TRA)	47 41 22 N 008 26 13 E							
	212°	37.5 NM	FL245 / *6500 ft* *MEA = 7000 ft*	*MOCA = 4600 ft*	Odd		± 5 NM	ACC Zurich APP Zurich {C, E}
△ Willisau DVOR/DME (WIL)	47 10 42 N 007 54 21 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Y112								
△ RAVED	47 43 45 N 009 40 10 E							
	257°	82.9 NM	FL660 / FL245		Even		± 5 NM	ACC Zurich REF: AIP Germany {C}
△ Hochwald DME (HOC)	47 28 00 N 007 39 56 E							
	276° / 096°	38.4 NM	FL195 / FL085 MEA = FL090	*MOCA = 5000 ft*	Even	Odd	± 5 NM	APP Bâle ACC Zurich REF: AIP France {C, D}
△ Hericourt NDB (HR)	47 33 42 N 006 43 56 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z6								
△ DEGES	47 24 45 N 009 12 07 E							
	057°	21.1 NM	FL660 / *8000 ft* *MEA = 8000 ft*	*MOCA = 5400 ft*	Odd		± 5 NM	REF: AIP Germany ACC Zurich {C, E}
△ NUNRI	47 35 12 N 009 39 09 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z16								
△ Passeiry DVOR/ DME (PAS)	46 09 49 N 006 00 00 E							
	209° / 029°	19.7 NM	FL195 / *7900 ft* *MEA = 8000 ft*	*MOCA = 7900 ft*	Odd	Even	± 5 NM	ACC Geneva ACC Marseille REF: AIP France {C, D}
△ Chambery VOR/ DME (CBY)	45 52 55 N 005 45 26 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z32								
△ MOREG	46 23 35 N 006 00 26 E							
	084°	9.9 NM	FL195 / *7900 ft* *MEA = 8000 ft*	*MOCA = 7900 ft*	Even		± 5 NM	ACC Geneva REF: AIP France {C} (2)
△ GLEND	46 24 31 N 006 14 39 E							
	082°	18.2 NM	FL195 / *9199 ft* *MEA = 10000 ft*	*MOCA = 8100 ft*	Even		± 5 NM	ACC Geneva REF: AIP France {C} (2)
△ MOLUS	46 26 38 N 006 40 46 E							

(2) within FIR Switzerland; outside REF: AIP France

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z50								
△ OLBEN	47 18 16 N 007 37 46 E							
	147°	7.9 NM	FL285 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5600 ft*	Odd		± 5 NM	ACC Zurich {C, D, E}
△ ROTOS	47 11 24 N 007 43 31 E							
	107°	9.4 NM	FL285 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5000 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ BERSU	47 08 08 N 007 56 29 E							
	100°	19.9 NM	FL285 / *11500 ft* *MEA = 12000 ft*	*MOCA = 7500 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ URIGI	47 03 32 N 008 24 49 E							
	101°	5.0 NM	FL285 / *11500 ft* *MEA = 12000 ft*	*MOCA = 7700 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ GERSA	47 02 22 N 008 31 56 E							
	115°	10.7 NM	FL660 / *13500 ft* *MEA = 14000 ft*	*MOCA = 9900ft*	Odd		± 5 NM	ACC Zurich {C}
△ KELIP	46 57 22 N 008 45 42 E							
	115° / 295°	8.5 NM	FL660 / *13500 ft* *MEA = 14000 ft*	*MOCA = 13300 ft*	Odd	Even	± 5 NM	ACC Zurich {C}
△ SOPER	46 53 22 N 008 56 40 E							
	115° / 296°	36.7 NM	FL660 / *15500 ft* *MEA = 16000 ft*	*MOCA = 13300 ft*	Odd	Even	± 5 NM	ACC Zurich {C}
△ PELAD	46 35 56 N 009 43 33 E							
	116° / 296°	15.0 NM	FL660 / *15500 ft* *MEA = 16000 ft*	*MOCA = 13200 ft*	Odd	Even	± 5 NM	ACC Zurich {C}
△ RESIA (FIR/UIR BDRY)	46 28 42 N 010 02 36 E							
BERSU - GERSA: CDR 1 H24 KELIP - RESIA: CDR 1 H24								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z61								
△ SOSAL	46 33 29 N 006 53 04 E							
	044°	19.2 NM	FL660 / *8000 ft* *MEA = 8000 ft*	*MOCA = 8000 ft*	Even		± 5 NM	ACC Geneva {C, E}
△ FRIBU	46 46 39 N 007 13 25 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z62								
△ DEREM	46 21 24 N 006 10 34 E							
	087°	4.5 NM	FL195 / *7000 ft* *MEA = 8000 ft*	*MOCA = 6400 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ NAMEL	46 21 28 N 006 17 00 E							
	087°	10.3 NM	FL195 / *9500 ft* *MEA = 10000 ft*	*MOCA = 6200 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ TINAM	46 21 36 N 006 31 50 E							
	049°	8.0 NM	FL195 / *9500 ft* *MEA = 10000 ft*	*MOCA = 9100 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ MOLUS	46 26 38 N 006 40 46 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z65								
△ SAPRE	46 28 07 N 006 26 53 E							
	244°/064°	9.2 NM	FL500 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5500 ft*	Odd	Even	± 5 NM	ACC Geneva {C}
△ GLEND	46 24 31 N 006 14 39 E							
	247°	16.4 NM	FL500 / *7900 ft* *MEA = 8000 ft*	*MOCA = 7900 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C}
△ MILPA	46 18 09 N 005 52 47 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z67								
△ VENAT	46 14 39 N 006 35 48 E							
	053°	33.2 NM	FL500 / *15500 ft* *MEA = 16000 ft*	*MOCA = 9700 ft*	Even		± 5 NM	ACC Geneva REF: AIP France {C}
△ LAMUR	46 34 47 N 007 13 53 E							
	022°	17.9 NM	FL500 / *15500 ft* *MEA = 16000 ft*	*MOCA = 9100 ft*	Even		± 5 NM	ACC Geneva {C}
△ KORED	46 51 02 N 007 24 51 E							
VENAT - KORED: CDR 1 H24								

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z600								
△ Willisau DVOR/DME (WIL)	47 10 42 N 007 54 21 E							
	291° / 111°	24.2 NM	FL195 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5800 ft*	Even	Odd	± 5 NM	{C, D, E}
△ LEPLA	47 20 36 N 007 21 58 E							
	291° / 111°	9.5 NM	FL195 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5700 ft*	Even	Odd	± 5 NM	{C, D, E}
△ LUMEL	47 24 26 N 007 09 14 E							
	296° / 116°	19.5 NM	FL195 / *8500 ft* *MEA = 9000 ft*	*MOCA = 4300 ft*	Even	Odd	± 5 NM	APP Bâle REF: AIP France {C, D, E}
▲ Hericourt NDB (HR)	47 33 42 N 006 43 56 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z601								
△ ROTOS	47 11 24 N 007 43 31 E							
	092°/272°	7.4 NM	FL195 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5000 ft*	Even	Odd	± 5 NM	APP Bern ACC Zurich {C, E}
△ Willisau DVOR/DME (WIL)	47 10 42 N 007 54 21 E							
	013°/193°	20.4 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 5000 ft*	Odd	Even	± 5 NM	APP Bern ACC Zurich {C, E}
△ GIPOL	47 30 19 N 008 02 27 E							
	052°/233°	19.5 NM	FL095 / *7500 ft* *MEA = 8000 ft*	*MOCA = 4600 ft*	Odd	Even	± 5 NM	ACC Zurich {C, E}
△ Trasadingen DME (TRA)	47 41 22 N 008 26 13 E							
	108°/288°	16.5 NM	FL095 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4800 ft*	Odd	Even	± 5 NM	APP Zurich {C, E}
△ Zurich East DVOR/DME (ZUE)	47 35 32 N 008 49 04 E							
	087°/268°	25.7 NM	FL095 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4300 ft*	Odd	Even	± 5 NM	APP Zurich {C, E}
△ BODAN (FIR BDRY)	47 35 15 N 009 27 05 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z653								
△ KESEX	47 14 05 N 008 43 00 E							
	062°	7.8 NM	FL660 / FL085 MEA = FL090	*MOCA = 5500 ft*	Even		± 5 NM	ACC Zurich {C, E}
△ ROLSA	47 17 23 N 008 53 21 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
Z669								
△ Trasadingen DME (TRA)	47 41 22 N 008 26 13 E							
	221°	41.7 NM	FL660 / *13500 ft* *MEA = 14000 ft*	*MOCA = 4600 ft*	Odd		± 5 NM	ACC Zurich {C}
△ ROTOS	47 11 24 N 007 43 31 E							
	229°	15.7 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 4500 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ BADEP	47 01 38 N 007 25 28 E							
	228°	6.9 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 4300 ft*	Odd		± 5 NM	ACC Zurich {C, E}
△ ULMES	46 57 18 N 007 17 33 E							
	228°	14.7 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 4200 ft*	Odd		± 5 NM	ACC Geneva {C, E}
△ ESEVA	46 48 08 N 007 00 53 E							
	228°	13.8 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 5000 ft*	Odd		± 5 NM	ACC Geneva {C, E}
△ VADAR	46 39 26 N 006 45 13 E							
	238°	42.0 NM	FL660 / *9500 ft* *MEA = 10000 ft*	*MOCA = 7300 ft*	Odd		± 5 NM	ACC Geneva REF: AIP France {C, E}
△ MILPA	46 18 09 N 005 52 47 E							

ENR 3.3 OTHER ROUTES

1. Low Flight Network (LFN) ATS Routes

The operation on this network is subject to specific state authorization and access procedures by the national provider (see ENR 1.1 - 4.6).
The following tables describe the Low Flight Network for rotary wing aircraft that comply with the required navigational performance of **RNP 0.3**.
For speed restrictions refer to ENR 6.4 - 1.
This network consists of low-level routes (KYxyz) and associated routes (KQxyz) to and from various landing sites and regions. Table of cruising levels (ENR 1.7 - 5.3) is not applicable to LFN.

2. Index of ENR 3.3 Route Tables - Low Flight Network (LFN) ATS Routes

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ811								
△ LS103	46 43 11.2 N 006 57 39.1 E							
	273°	9.2 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5100 ft*	Even		± 0.3 NM	ACC Geneva {C,E} TWR/APP Payerne {D}
△ ETEKI	46 44 10.8 N 006 44 21.4 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ821								
△ ME103	47 07 27.9 N 008 07 05.1 E							
	063°	15.2 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 3800 ft*	Odd		± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ RONIX	47 13 34.5 N 008 27 25.2 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ831								
△ DEGES	47 24 45 N 009 12 07 E							
	233°	9.9 NM	FL195 / *5600 ft* *MEA = 6000 ft*	*MOCA = 5600 ft*	Even		± 0.3 NM	ACC Zurich {C, E} TWR/APP Dubendorf {D}
△ MD503	47 19 16.1 N 009 00 03.8 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ832								
△ LS111	47 12 41.6 N 008 57 01.1 E							
	014°	1.9 NM	FL195 / *4800 ft* *MEA = 5000 ft*	*MOCA = 4800 ft*	Odd		± 0.3 NM	ACC Zurich {C, E} TWR/APP Dubendorf {D}
△ MD505	47 14 30.6 N 008 57 49.1 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ833								
△ LS110	47 12 26.8 N 008 47 38.1 E							
	307°	0.9 NM	FL195 / *4900 ft* *MEA = 5000 ft*	*MOCA = 4900 ft*	Odd		± 0.3 NM	ACC Zurich {C, E} TWR/APP Dubendorf {D}
△ MD516	47 13 02.2 N 008 46 37.2 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ834								
△ VIBAX	47 20 50.0 N 008 52 55.9 E							
	105°	5.1 NM	FL195 / *5600 ft* *MEA = 6000 ft*	*MOCA = 5600 ft*	Even		± 0.3 NM	ACC Zurich {C, E} TWR/APP Dubendorf {D}
△ MD503	47 19 16.1 N 009 00 03.8 E							
	085°	6.1 NM	FL195 / *5600 ft* *MEA = 6000 ft*	*MOCA = 5600 ft*	Even		± 0.3 NM	ACC Zurich {C, E} TWR/APP Dubendorf {D}
△ LS112	47 19 25.5 N 009 09 02.0 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ861								
△ LS105	46 55 44.0 N 007 28 44.9 E							
	252°	5.0 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4400 ft*	Even		± 0.3 NM	ACC Zurich {C, E} TWR/APP Bern {D}
△ LS561	46 54 28.4 N 007 21 41.4 E							
	252°	4.1 NM	FL195 / *4600 ft* *MEA = 5000 ft*	*MOCA = 4600 ft*	Odd		± 0.3 NM	ACC Zurich {C, E} TWR/APP Bern {D}
△ ASBER	46 53 25.9 N 007 15 52.8 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ862								
△ FRIBU	46 46 39.3 N 007 13 24.6 E							
	011° / 191°	4.0 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4200 ft*	Even	Even	± 0.3 NM	ACC Geneva {C, E}
△ LS562	46 50 32.0 N 007 14 49.4 E							
	011° / 191°	3.0 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	ACC Geneva {C, E} TWR/APP Bern {D}
△ ASBER	46 53 25.9 N 007 15 52.8 E							
	040° / 220°	3.7 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	ACC Geneva {C, E} TWR/APP Bern {D}
△ AMRID	46 56 05.4 N 007 19 32.8 E							
	021° / 201°	5.1 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4100 ft*	Odd	Odd	± 0.3 NM	ACC Geneva {C, E} TWR/APP Bern {D}
△ BIRKI	47 00 46.6 N 007 22 34.8 E							
	062° / 242°	10.5 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4100 ft*	Even	Even	± 0.3 NM	ACC Geneva {C, E} TWR/APP Bern {D}
△ MEBOX	47 05 10.4 N 007 36 33.5 E							
	071° / 251°	8.9 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4500 ft*	Even	Even	± 0.3 NM	ACC Geneva {C, E} TWR/APP Bern {D}
△ UMTOP	47 07 38.9 N 007 49 06.2 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ864								
△ ASBER	46 53 25.9 N 007 15 52.8 E							
	136° / 316°	4.0 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	APP Bern {C, E}
△ LS104	46 50 23.4 N 007 19 42.2 E							
	136° / 316°	2.7 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4300 ft*	Even	Even	± 0.3 NM	APP Bern {C, E}
△ LS164	46 48 22.3 N 007 22 14.2 E							
	111° / 291°	1.2 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5000 ft*	Even	Even	± 0.3 NM	APP Bern {C, E}
△ TUNNO	46 47 53.4 N 007 23 48.8 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KQ868								
△ RAMOK	47 01 20.2 N 007 41 03.0 E							
	038°	8.4 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4500 ft*	Even		± 0.3 NM	ACC Zurich {C, E} TWR/APP Bern {D}
△ UMTOP	47 07 38.9 N 007 49 06.2 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KY251								
△ GLEND	46 24 31.3 N 006 14 39.2 E							
	044°	4.7 NM	FL195 / *3500 ft* *MEA = 4000 ft*	*MOCA = 3200 ft*	Even		± 0.3 NM	ACC Geneva APP Geneva {C, E}
△ LS099	46 27 43.5 N 006 19 33.3 E							
	082°	5.1 NM	FL195 / *3700 ft* *MEA = 4000 ft*	*MOCA = 3700 ft*	Even		± 0.3 NM	ACC Geneva APP Geneva {C, E}
△ SAPRE	46 28 07.3 N 006 26 53.0 E							
	086° / 266°	11.4 NM	FL195 / *3500 ft* *MEA = 4000 ft*	*MOCA = 2600 ft*	Even	Even	± 0.3 NM	ACC Geneva {C, E}
△ LS100	46 28 14.5 N 006 43 22.4 E							
	030° / 210°	17.9 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5100 ft*	Even	Even	± 0.3 NM	ACC Geneva {C, E}
△ LS103	46 43 11.2 N 006 57 39.1 E							
	069° / 249°	11.4 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5100 ft*	Even	Even	± 0.3 NM	ACC Geneva {C, E}
△ FRIBU	46 46 39.3 N 007 13 24.6 E							
	046° / 226°	5.7 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4200 ft*	Even	Even	± 0.3 NM	ACC Geneva, Zurich {C, E}
△ LS104	46 50 23.4 N 007 19 42.2 E							
	046° / 226°	8.2 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4400 ft*	Even	Even	± 0.3 NM	ACC Geneva, Zurich {C, E} TWR/APP Bern {D}
△ LS105	46 55 44.0 N 007 28 44.9 E							
	046° / 227°	18.3 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5000 ft*	Even	Even	± 0.3 NM	ACC Geneva, Zurich {C, E} TWR/APP Bern {D}
△ UMTOP	47 07 38.9 N 007 49 06.2 E							
	088° / 268°	12.3 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4500 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ ME103	47 07 27.9 N 008 07 05.1 E							
	079° / 259°	10.3 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 3800 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ ME104	47 08 53.5 N 008 22 05.9 E							
	067° / 247°	6.8 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4200 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ ZC700	47 11 14.6 N 008 31 23.3 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
	081° / 261°	4.3 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4200 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ OSNOG	47 11 42.5 N 008 37 36.1 E							
	081° / 261°	6.9 NM	FL195 / *4900 ft* *MEA = 5000 ft*	*MOCA = 4900 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS110	47 12 26.8 N 008 47 38.1 E							
	085° / 265°	6.4 NM	FL195 / *4900 ft* *MEA = 5000 ft*	*MOCA = 4900 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS111	47 12 41.6 N 008 57 01.1 E							
	047° / 228°	10.6 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS112	47 19 25.5 N 009 09 02.0 E							
	018° / 198°	5.7 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ DEGES	47 24 45.0 N 009 12 07.0 E							
	040° / 220°	8.0 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4200 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP St. Gallen Altenrhein {D}
△ SITOR	47 30 36.7 N 009 20 10.5 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KY252								
△ ME104	47 08 53.5 N 008 22 05.9 E							
	123°/303°	3.1 NM	FL195/*5500 ft* *MEA = 6000 ft*	*MOCA = 4000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ LS702	47 07 06.3 N 008 25 45.1 E							
	122°/302°	8.4 NM	FL195/*5800 ft* *MEA = 6000 ft*	*MOCA = 5800 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ LS201	47 02 15.9 N 008 35 42.6 E							
	173°/353°	6.3 NM	FL195/*6700 ft* *MEA = 7000 ft*	*MOCA = 6700 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS202	46 56 00.8 N 008 36 23.1 E							
	173°/353°	3.0 NM	FL195/*8000 ft* *MEA = 8000 ft*	*MOCA = 8000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS203	46 53 01.4 N 008 36 42.4 E							
	156°/336°	3.6 NM	FL195/*8000 ft* *MEA = 8000 ft*	*MOCA = 8000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS204	46 49 40.6 N 008 38 37.5 E							
	167°/347°	3.0 NM	FL195/*8600 ft* *MEA = 9000 ft*	*MOCA = 8600 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS205	46 46 45.0 N 008 39 20.8 E							
	202°/022°	5.4 NM	FL195/*9700 ft* *MEA = 10000 ft*	*MOCA = 9700 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS206	46 41 51.5 N 008 36 05.3 E							
	186°/006°	2.9 NM	FL195/*9800 ft* *MEA = 10000 ft*	*MOCA = 9800 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS207	46 38 59.9 N 008 35 25.1 E							
	208°/028°	4.1 NM	FL195/*10500 ft* *MEA = 11000 ft*	*MOCA = 10500 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS208	46 35 30.7 N 008 32 22.2 E							
	153°/333°	2.9 NM	FL195/*11500 ft* *MEA = 12000 ft*	*MOCA = 10700 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS209	46 32 52.6 N 008 34 03.6 E							
	111°/291°	3.1 NM	FL195/*11500 ft* *MEA = 12000 ft*	*MOCA = 10500 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ LS210	46 31 37.9 N 008 38 10.8 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
	111° / 291°	7.6 NM	FL195 / *10500 ft* *MEA = 11000 ft*	*MOCA = 9400 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS211	46 28 33.8 N 008 48 17.4 E							
	137° / 317°	9.0 NM	FL195 / *8500 ft* *MEA = 9000 ft*	*MOCA = 8400 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS212	46 21 39.2 N 008 56 39.3 E							
	151° / 332°	9.2 NM	FL195 / *7000 ft* *MEA = 7000 ft*	*MOCA = 7000 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS213	46 13 22.8 N 009 02 21.2 E							
	209° / 029°	8.0 NM	FL195 / *6500 ft* *MEA = 7000 ft*	*MOCA = 5700 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Locarno {D}
△ LS214	46 06 32.9 N 008 56 16.8 E							
	187° / 007°	6.4 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5200 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E} TWR/APP Lugano {D}
△ LUGAN	46 00 13.1 N 008 54 37.0 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KY253								
△ LS201	47 02 15.9 N 008 35 42.6 E							
	036°/216°	7.6 NM	FL195 / *6500 ft* *MEA = 7000 ft*	*MOCA = 6000 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS301	47 08 14.0 N 008 42 41.3 E							
	036°/216°	4.1 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5000 ft*	Even	Even	± 0.3 NM	ACC Zurich APP Zurich {C, E}
△ LS302	47 11 25.4 N 008 46 25.9 E							
	036°/216°	1.3 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 3900 ft*	Odd	Odd	± 0.3 NM	ACC Zurich APP Zurich {C, E}
△ LS110	47 12 26.8 N 008 47 38.1 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓ / ↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KY256								
▲ IVAFI	47 23 21.1 N 007 15 07.6 E							
	099° / 279°	11.8 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4900 ft*	Odd	Odd	± 0.3 NM	APP Bâle {C, D}
△ DEDJU	47 20 54.4 N 007 32 08.6 E							
	107° / 287°	6.8 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 5500 ft*	Odd	Odd	± 0.3 NM	APP Bâle {C, D}
△ ENZAH	47 18 34.9 N 007 41 35.7 E							
	152° / 332°	12.1 NM	FL195 / *5500 ft* *MEA = 6000 ft*	*MOCA = 4700 ft*	Odd	Odd	± 0.3 NM	TWR/APP Bern {C, E} APP Bâle {D}
△ UMTOP	47 07 38.9 N 007 49 06.2 E							
	050° / 230°	12.3 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	ACC Zurich TWR/APP Bern {C, E}
△ LS601	47 15 04.1 N 008 03 26.0 E							
	076° / 256°	4.6 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS602	47 15 56.6 N 008 10 06.8 E							
	071° / 251°	4.8 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 3800 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E}
△ LS603	47 17 16.4 N 008 16 48.8 E							
	114° / 294°	8.1 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 3800 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ RONIX	47 13 34.5 N 008 27 25.2 E							
	128° / 308°	3.6 NM	FL195 / *4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ ZC700	47 11 14.6 N 008 31 23.3 E							

Route Designator	Route Remarks (Optional)							
Name of significant points	Significant point geographical coordinates							Significant Point Remarks
Route Segment Navigation, RCP/RSP specification	Track MAG ↓/↑	Geodesic Dist (COP)	Upper and Lower limits MEA	Lateral limits MOCA	Direction of cruising levels ↓	Direction of cruising levels ↑	Navigation accuracy requirement	Remarks Controlling unit, operating channel, and logon address Navigation, RCP/RSP specification(s) limitations {Airspace Classification}
KY257								
△ ME103	47 07 27.9 N 008 07 05.1 E							
	101°/281°	10.2 NM	FL195/*4500 ft* *MEA = 5000 ft*	*MOCA = 3800 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ LS701	47 04 58.1 N 008 21 31.0 E							
	051°/231°	3.6 NM	FL195/*5500 ft* *MEA = 6000 ft*	*MOCA = 4000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ LS702	47 07 06.3 N 008 25 45.1 E							
	051°/231°	4.9 NM	FL195/*4500 ft* *MEA = 5000 ft*	*MOCA = 4000 ft*	Odd	Odd	± 0.3 NM	ACC Zurich {C, E} TWR/APP Emmen {D}
△ LS703	47 10 00.7 N 008 31 31.7 E							
	065°/245°	4.5 NM	FL195/*5500 ft* *MEA = 6000 ft*	*MOCA = 4000 ft*	Even	Even	± 0.3 NM	ACC Zurich {C, E}
△ OSNOG	47 11 42.5 N 008 37 36.1 E							

ENR 4 RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 RADIO NAVIGATION AIDS - EN-ROUTE

Name of station (VOR: VAR) (declination)	ID	Frequency (CH)	Hours of operation	Coordinates	ELEV DME antenna	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**
BÂLE-MULHOUSE DVOR/DME	-	-	-	-	-	REF: AIP France
CORVATSCH DME	CVA	(CH 57Y)	H24	46 25 05N 009 49 18E	*10999 ft*	DOC 80 NM / 50'000 ft. Paired VOR FREQ 112.05 MHz.
HOCHWALD DME	HOC	(CH 79X)	H24	47 27 59.6N 007 39 55.6E	*2425 ft*	DOC 60 NM / 50'000 ft, range 85 NM in sector 30° - 120°. Paired VOR FREQ 113.20 MHz. FRA (I): Even FL
KRONBERG DME	KRO	(CH28Y)	H24	47 17 30.1N 009 19 39.9E	*5489 ft*	DOC 100 NM / 50'000 ft in sector 185° - 115°, unreliable in sector 115° - 185°. Paired VOR FREQ 109.15 MHz.
LA DOLE DME	LDL	(CH 106X)	H24	46 25 28.6N 006 05 56.3E	*5517 ft*	DOC 80 NM / 50'000 ft. Paired VOR FREQ 115.90 MHz.
LA PRAZ DME	LAP	(CH 43Y)	H24	46 40 34.5N 006 24 47.6E	*4253 ft*	DOC 80 NM / 50'000 ft in sector 255° - 195°, range 70 NM in sector 195° - 205°, unreliable in sector 205° - 255°. Paired VOR FREQ 110.65 MHz.
PASSEIRY DVOR/DME (VAR 3.0° E / 2025) (decl.: 3.5° E)	PAS	116.60 MHz (CH 113X)	H24	46 09 49.4N 005 59 59.7E	*1422 ft*	DOC 80 NM / 50'000 ft.
MT. PELERIN DME	PEL	(CH 55Y)	H24	46 29 49.5N 006 49 08.9E	*3942 ft*	DOC 80 NM / 50'000 ft. Paired VOR FREQ 111.85 MHz.
STOCKHORN DME	STH	(CH 89Y)	H24	46 41 37.7N 007 32 18.6E	*7251 ft*	DOC 100 NM / 50'000 ft. Paired VOR FREQ 114.25 MHz.
TRASADINGEN DME	TRA	(CH 90X)	H24	47 41 22.2 N 008 26 13.1E	*1850 ft*	PSN: 343°MAG, 13.5 NM FM Zurich THR 16. DOC 100 NM / 50'000 ft. Paired VOR FREQ 114.30 MHz. FRA (I) FRA (A): LSGC, LSMP, LSZB, LSZG, LFGA, LFGB, LFSB, LFSM, LSZR, EDNY, EDJA, EDTM, EDNL, ETHL, EDMA, EDMO, ETSL, EDSB, EDTL, LFST FRA (D): LSZR, LFGA, LFGB, LFSB, LFSM, EDNY, EDTM
WEISSFLUHGIPFEL DME	WFJ	(CH 84Y)	H24	46 50 04.5N 009 47 42.5E	*9478 ft*	DOC 80 NM / 50'000 ft. Paired VOR FREQ 113.75 MHz.
WILLISAU DVOR/DME (VAR 3.5° E / 2025) (decl.: 3.9° E)	WIL	116.90 MHz (CH 116X)	H24	47 10 42.1N 007 54 20.9E	*2426 ft*	DOC 50 NM / 25'000 ft, range 80 NM in sector 0° - 105°.
ZURICH EAST DVOR/DME (VAR 3.8° E / 2025) (decl.: 4.2° E)	ZUE	110.05 MHz (CH 37Y)	H24	47 35 31.8N 008 49 03.6E	*1734 ft*	DOC 80 NM / 50'000 ft.

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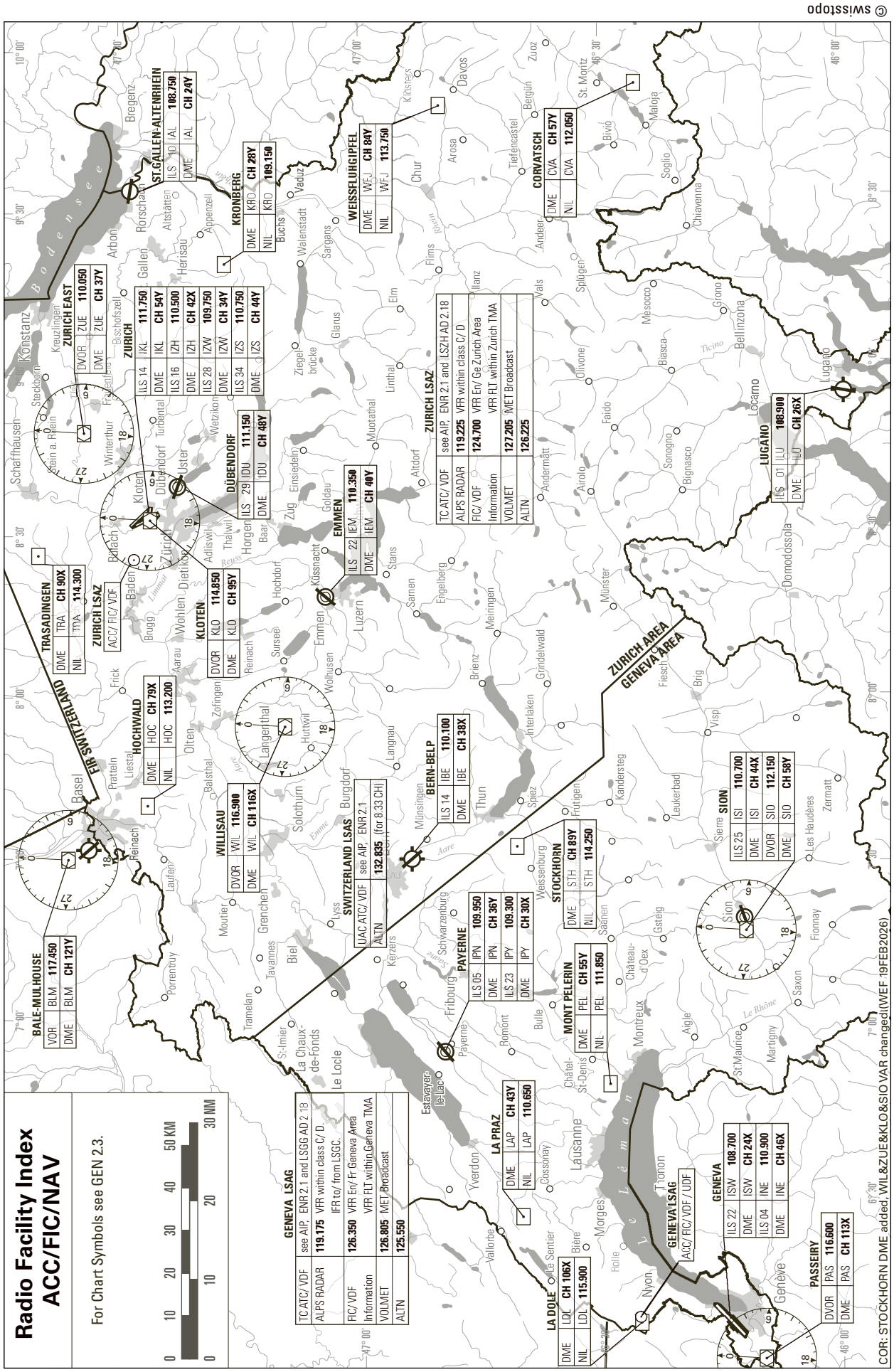
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ACC/FIC/NAV
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0 10 20 30 40 50 KM
0 10 20 30 NM
FIR SWITZERLAND
ZURICH AREA
GENEVA AREA
BALE-MULHOUSE
VOR BLM 117.450
DME BLM CH 121Y
TRASADINGEN
DME TRA CH 90X
NIL TRA 114.300
ZURICH LSAZ
ACC/ FIC/ VDF
HOCHWALD
DME HOC CH 79X
NIL HOC 113.200
KLOTEN
DVOR KLO 114.850
DME KLO CH 95Y
WILLISAU
DVOR WIL 116.900
DME WIL CH 116X
SWITZERLAND LSAS
UAC ATC/ VDF see AIP, ENR 2.1
ALTN 132.835 (for 8.33 CH)
BERN-BELP
ILS 14 IBE 110.100
DME IBE CH 38X
PAYERNE
ILS 05 IPN 109.950
DME IPN CH 36Y
ILS 23 IPY 109.300
DME IPY CH 30X
MONT PELERIN
DME PEL CH 55Y
NIL PEL 111.850
STOCKHORN
DME STH CH 89Y
NIL STH 114.250
LA PRAZ
DME LAP CH 43Y
NIL LAP 110.650
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DME ISW CH 24X
ILS 04 INE 110.900
DME INE CH 46X
GENEVA LSAG
ACC/ FIC/ VDF / UDF
PASSEIRY
DVOR PAS 116.600
DME PAS CH 113X
SION
ILS 25 ISI 110.700
DME ISI CH 44X
DVOR SIO 112.150
DME SIO CH 58Y
ZURICH EAST
DVOR ZUE 110.050
DME ZUE CH 37Y
ZURICH
ILS 14 IKL 111.750
DME IKL CH 54Y
ILS 16 IZH 110.500
DME IZH CH 42X
ILS 28 IZW 109.750
DME IZW CH 34Y
ILS 34 IZS 110.750
DME IZS CH 44Y
DÜBENDORF
ILS 29 IDU 111.150
DME IDU CH 48Y
EMMEN
ILS 22 IEM 110.350
DME IEM CH 40Y
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DME IAL CH 24Y
KRONBERG
DME KRO CH 28Y
NIL KRO 109.150
WEISSFLUHGIPFEL
DME WFJ CH 84Y
NIL WFJ 113.750
CORVATSCH
DME CVA CH 57Y
NIL CVA 112.050
LUGANO
ILS 01 ILU 108.900
DME ILU CH 26X
COR: STOCKHORN DME added, WIL&ZUE&KLO&SIO VAR changed(WEF 19FEB2026)
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LSZB AD 2.16 HELICOPTER LANDING AREA

1	**Coordinates TLOF landing area**	Main Apron: TLOF stand 1: 46 54 39.15 N / 007 30 11.50 E TLOF stand 2: 46 54 38.33 N / 007 30 11.97 E TLOF stand 3: 46 54 38.72 N / 007 30 12.65 E TLOF stand 4: 46 54 39.10 N / 007 30 13.32 E Apron Swiss Helicopter: TLOF stand 1: 46 54 23.04 N / 007 29 52.08 E TLOF stand 2: 46 54 22.32 N / 007 29 52.44 E
	Geoid undulation	NIL
2	**TLOF and/or FATO elevation**	TLOFs on Main Apron and at Swiss Helicopter: *510 m / 1673 ft*
3	**TLOF and FATO area dimensions, surface, strength, marking**	Main Apron: TLOF stand 1: ASPH, max. OAL / RD 16.0 m, PPR. TLOF stands 2 to 4: ASPH, max. OAL 13.0 m / RD 11.0 m, home based OPR only except with marshalling by airport authority, air taxi via TWY sector Blue. When TLOF stand 1 is occupied, TEMPO no OPS on TLOF stands 3 and 4. FATO: IFR HEL use paved RWY 14/32.
4	**True BRG of FATO**	RWY 14: 140° RWY 32: 320°
5	**Declared distance available**	See LSZB AD 2.13 for RWY 14-32
6	**APP and FATO lighting**	See LSZB AD 2.14 for RWY 14-32
7	**Remarks**	Swiss Helicopter located S-SW of AD site. Special procedures apply for REGA and Swiss Air Force.

LSZB AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	**Bern CTR** 47 04 26N 007 28 03E - 46 58 18 N 007 35 15E - arc of circle 5.02 NM on 46 55 09N 007 29 32E - clockwise 46 52 00N 007 23 50E - 46 58 10N 007 16 35E - 47 04 26N 007 28 03E
2	**Vertical limits**	*5000 ft AMSL (1500 m)*
3	**Airspace classification**	D
4	**ATS unit call sign Language(s)**	En; En and Ge for Non-Commercial VFR traffic.
5	**Transition altitude**	*6000 ft*
6	**Remarks**	ACT: HX - ATIS (monitoring compulsory)

LSZB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
APP	Bern Arrival	127.325 MHz	HX	Language: En
APP	Bern Departure	127.325 MHz	HX	Language: En
ATIS		125.130 MHz	H24	Phone: Service: +41 (0) 22 417 40 76
TWR	Bern Tower	121.025 MHz 119.700 MHz* 121.500 MHz**	HX	*ALTN FREQ **EMERG Language: En; En and Ge for Non-Commercial VFR traffic.
CLD	Bern Delivery	121.690 MHz	HX	Check status on ATIS

LSZB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, supported OPS, classification, MAG VAR, (declination)	ID	FREQ, CH NR, RPI	Hours of operation	Coordinates of transmitting antenna position	ELEV of DME antenna or GBAS; ELEV, ellipsoid HGT of reference point SBAS; ellipsoid HGT of LTP/FTP	SER volume radius from GBAS reference point	RMK
1	2	3	4	5	6	7	8
WILLISAU DVOR/DME VAR 3.5° E / 2025 (decl.: 3.9° E)	WIL	116.90 MHz CH 116X	H24	47 10 42.1N 007 54 20.9E	*2426 ft*	NIL	DOC 50 NM / 25'000 ft, range 80 NM in sector 0° - 105°.
LOC 14 ILS CAT I, class I/C/2, VAR 2° E	IBE	110.10 MHz	H24	46 54 22.5N 007 30 24.3E	NIL	NIL	LOC PSN: 165 m FM THR 32. RWY 14: LOC course 138° MAG. Front course sector angle 5.0°. Restricted coverage (published procedures covered): at 25 NM -10° E to +10° W from CL above *6000 ft AMSL*, at 17 NM -29° E to +26° W from CL above *4800 ft AMSL*.
GP 14	--	334.40 MHz	H24	46 55 00.9N 007 29 40.4E	NIL	NIL	GP angle 4.0°. PSN: 187 m FM THR 14. GP HGT THR 14: 43 ft / 13.2 m
DME 14	IBE	CH 38X	H24	46 54 22.0N 007 30 20.7E	*1684 ft*	NIL	DME PSN: 1656 m FM THR 14, 77 m W of CL. Zero range at DME station. Restricted coverage (published procedures covered): at 25 NM -10° E to NM +10° W from CL above *6000 ft AMSL*, at 17 NM -18° E to +22° W from CL above *4800 ft AMSL*.

LSZC AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (m) colour	Remarks
1	2	3	4	5	6	7	8	9	10
06 24	ALS LIH	RTHL G LIH WBAR	MIL PAPI: 4°	NIL	NIL	REDL 60m W LIH	RENL R WBAR	NIL	RWY and APCH LGT not ICAO Standard

LSZC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	NIL
2	**LDI location and LGT** **Anemometer location and LGT**	NIL
3	**TWY edge and centre line lighting**	NIL
4	**Secondary power supply/switch-over time**	NIL
5	**Remarks**	NIL

LSZC AD 2.16 HELICOPTER LANDING AREA

1	**Coordinates TLOF or THR of FATO**	NIL
	Geoid undulation	NIL
2	**TLOF and/or FATO elevation**	NIL
3	**TLOF and FATO area dimensions, surface, strength, marking**	NIL
4	**True BRG of FATO**	NIL
5	**Declared distance available**	NIL
6	**APP and FATO lighting**	NIL
7	**Remarks**	TLOF and Stand PSN as indicated by the marshaller

LSZC AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	Buochs CTR O/R 47 03 00 N 008 28 20 E - 46 58 56 N 008 30 22 E - 46 57 46 N 008 30 42 E - 46 55 47 N 008 20 27 E - 47 00 37 N 008 18 33 E - 47 01 50 N 008 20 18 E - 47 02 35 N 008 25 30 E - 47 03 00 N 008 28 20 E
2	**Vertical limits**	FL 130
3	**Airspace classification**	D
4	**ATS unit call sign Language(s)**	En; En and Ge for Non-Commercial VFR traffic.
5	**Transition altitude**	*7000 ft AMSL*
6	**Remarks**	HX

LSZC AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
TWR	Buochs Tower	119.625	HX	HX Language: En; En and Ge for Non-Commercial VFR traffic.
AD - Information	NIL	134.130	H24	HX Status Information Buochs, Emmen and Alpnach (automatic tape)

LSZC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type Category Variation (declination)	ID	Frequency CH NR	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
WILLISAU DVOR/DME, VAR 3.5° E / 2025 (decl.: 3.9° E)	WIL	116.90 MHz CH 116X	H24	47 10 42.1N 007 54 20.9E	*2426 ft*	DOC 50 NM / 25'000 ft, range 80 NM in sector 0° - 105°.

LSZC AD 2.20 LOCAL AERODROME REGULATIONS

1. Customs

Customs will be informed by AD Operator after receipt of FLT announcement and customs declaration form on http://www.airportbuochs.ch. Lead time:
Flights to Schengen area: 2 HR before ETD, 3 HR before ETA
Flights to third countries (Non-Schengen): 24 HR before ETD and ETA
- no commercial goods
- no tax-free fuel

2. Local flying restrictions

2.1 The Airport is CLSD on the following days:

Good FRI, Federal Prayday (3rd SUN in SEP), Christmas Day (25 DEC)

2.2 Local HOL:

Joseph's Day (19 MAR), Corpus Christi, Assumption Day, All Saints' Day (01 NOV), Immaculate Conception (08 DEC)

2.3 Other than normal OPS:

AD circuits, aerobatics, PJE and HEL OPS are restricted in accordance with the AD operating regulations. Appropriate information will be given by the AD authority.

2.4 Flight operations outside TWR OPR HR:

- NO IFR traffic allowed.
- ARR and DEP ACFT have to make blind transmissions on FREQ 119.625 MHz.
- TKOF must be performed from the beginning of RWY. INT TKOF are prohibited.
- The AP manager must always be mobilized for non home-based pilots.
- If ATS has to be provided outside TWR OPR HR, a charge for each operation will be levied. Consult http://www.airportbuochs.ch

Special procedure for IFR-joinings (Z PLN) departing from LSZC. Before start-up, contact mandatory with:
- ACC Zurich (for FLT joining within the CTA Zurich), TEL +41 (0) 43 931 69 65
- ACC Geneva (for FLT joining within the CTA Geneva), TEL +41 (0) 22 747 13 91

LSGG AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
GENEVA AREA				
EMERG		121.500 MHz	H24	EMERG for all services
APP/SRE/VDF	Geneva Transit	136.450 MHz	H24	As instructed by ATC
	Geneva Arrival	136.255 MHz	H24	
	Geneva Departure	119.530 MHz	H24	
	Geneva Approach	130.555 MHz	H24	As instructed by ATC
	Geneva Final	120.305 MHz	H24	
	Geneva Departure	131.330 MHz	H24	As instructed by ATC
TWR/VDF	Geneva Tower	118.700 MHz	H24	Primary FREQ
		119.905 MHz	HJ	As instructed by ATC
		119.700 MHz	H24	ALTN FREQ
GND	Geneva Ground	121.680 MHz	H24	Primary FREQ Clearance Delivery for all IFR flights Start-up and taxi clearance for North Apron
		119.700 MHz	H24	Auxiliary frequency
TRAFFIC APRON	Geneva Apron	121.855 MHz	H24	Primary FREQ Start-up (push-back if needed) and taxi clearance for South Apron
		121.750 MHz	H24	ALTN FREQ
VDF	Geneva Homer	118.700 MHz	H24	Primary FREQ
		119.700 MHz	H24	ALTN FREQ
ATIS		135.580 MHz	H24	TEL: +41 (0) 22 417 40 81
		124.755 MHz	H24	GLD Information En, Fr TEL: +41 (0) 22 417 40 83
FIC	Geneva Information	126.350 MHz	H24	For VFR FLT within TMA

LSGG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, supported OPS, classification, MAG VAR, (declination)	ID	FREQ, CH NR, RPI	Hours of operation	Coordinates of transmitting antenna position	ELEV of DME antenna or GBAS; ELEV, ellipsoid HGT of reference point SBAS; ellipsoid HGT of LTP/FTP	SER volume radius from GBAS reference point	RMK
1	2	3	4	5	6	7	8
LA DOLE DME	LDL	CH 106X	H24	46 25 28.6N 006 05 56.3E	*5517 ft*	NIL	DOC 80 NM / 50'000 ft. Paired VOR FREQ 115.90 MHz.
LA PRAZ DME	LAP	CH 43Y	H24	46 40 34.5N 006 24 47.6E	*4253 ft*	NIL	DOC 80 NM / 50'000 ft in sector 255° - 195°, range 70 NM in sector 195° - 205°, unreliable in sector 205° - 255°. Paired VOR FREQ 110.65 MHz.
PASSEIRY DVOR/DME VAR 3.0° E / 2025 (delc.: 3.5° E)	PAS	116.60 MHz CH 113X	H24	46 09 49.4N 005 59 59.7E	*1422 ft*	NIL	DOC 80 NM / 50'000 ft.
MT. PELERIN DME	PEL	CH 55Y	H24	46 29 49.5N 006 49 08.9E	*3942 ft*	NIL	DOC 80 NM / 50'000 ft. Paired VOR FREQ 111.85 MHz.
STOCKHORN DME	STH	CH 89Y	H24	46 41 37.7N 007 32 18.6E	*7251 ft*	NIL	DOC 100 NM / 50'000 ft, Paired VOR FREQ 114.25 MHz
LOC 22, ILS CAT III, class III/E/4, VAR 3° E	ISW	108.70 MHz	H24	46 13 29.0N 006 05 21.7E	NIL	NIL	LOC PSN: 496 m FM THR 04. RWY 22: LOC course 223° MAG. Front course sector width 3.0°. Restricted coverage: at 17 NM; +/- 15° *3500 ft AMSL* linearly raising to 17 NM +/- 35° *5800 ft AMSL*. at 25 NM; +/- 10° *5000 ft AMSL*.
GP 22	--	330.50 MHz	H24	46 14 56.5N 006 07 22.8E	NIL	NIL	GP angle 3°. PSN: 325 m FM THR 22. GP HGT THR 22: 58 ft (17.7 m). Restricted coverage: at 10 NM - 8° S to 4° N from CL above *2900 ft AMSL*. at 20 NM - 8° S to 4° N from CL above *6000 ft AMSL*.
DME 22	ISW	CH 24X	H24	46 14 56.4N 006 07 21.2E	*1378 ft*	NIL	DME co-located with GP. Zero range at DME station. Restricted coverage: at 17 NM; +/- 15° *3500 ft AMSL* linearly raising to 17 NM +/- 35° *5800 ft AMSL*. at 25 NM; +/- 10° *5000 ft AMSL*.

LSZG AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
TWR	Grenchen Tower	120.105 MHz	HX	
		119.700 MHz	HX	ALTN FREQ Language: En; En and Ge for Non-Commercial VFR traffic.
		121.500 MHz	HX	EMERG
RMZ	Grenchen Aerodrome	120.105 MHz	HX	Language: En
		119.700 MHz	HX	ALTN FREQ
		121.500 MHz	HX	EMERG
ATIS		121.105 MHz	H24	Phone: +41 (0) 43 488 19 54
GND	Grenchen Ground	121.805 MHz	HX	CTR active only Language: En; En and Ge for Non-Commercial VFR traffic.

LSZG AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type Category Variation (declination)	ID	Frequency CH NR	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
WILLISAU DVOR/DME, VAR 3.5° E / 2025 (decl.: 3.9° E)	WIL	116.90 MHz CH 116X	H24	47 10 42.1N 007 54 20.9E	*2426 ft*	DOC 50 NM / 25'000 ft, range 80 NM in sector 0° - 105°.

LSZG AD 2.20 LOCAL AERODROME REGULATIONS

1. Local flying restrictions

Simultaneous movements between the grass runways 06L / 24R incl. or FATO or 06R / 24L and the concrete runway and also between RWY 06R / 24L and the glider RWY are not permitted.
No simultaneous helicopter operation on H1 and H2.
Blocking times for specified activities within the airport area (CTR/RMZ).

- Circuits and target landing exercises:

MON-SAT: before 0700 (0600), 1115-1245 (1015-1145), after 1900 (1800).

SUN + HOL: before 0930 (0830), 1115-1245 (1015-1145), after 1600 (1500).
Good Friday, Easter Sunday, Ascension Day, Whitsunday, Corpus Christi, Assumption, All Saints Day.

- Glider towing:

MON-SAT: before 0700 (0600), 1115-1245 (1015-1145), after 1900 (1800).

SUN + HOL: before 0930 (0830), 1115-1245 (1015-1145), after 1600 (1500), excl. glider return by townplane.
Good Friday, Easter Sunday, Whitsunday.
TRNG for glider towing prohibited on, Ascension Day, Corpus Christi, Assumption, All Saints Day

- Aerobatics with powered aircraft:

MON-FRI: before 0700 (0600), 1115-1245 (1015-1145), after 1800 (1700).

SAT: before 0800 (0700), 1115-1400 (1015-1300), after 1700 (1600).

SUN + HOL: before 1400 (1300), after 1600 (1500).
Good Friday, Easter Sunday, Whitsunday. No school and TRNG Flights: Ascension Day, Corpus Christi, Assumption, All Saints Day

- Flights for Parachute dropping operations:

MON-SAT: before 0700 (0600), 1100-1245 (1000-1145), after 1900 (1800).

SUN + HOL: before 0930 (0830), 1100-1245 (1000-1145),after 1800 (1700).
Good Friday, Easter Sunday, Whitsunday.
MAX of 6 FLT's daily permitted on Ascension Day, Corpus Christi, Assumption, All Saints Day.

Night FLTs subject to PPR. Requests to AD operator not later than 1500 (1400).
HOL with same restrictions as SUN: 1st of August.

2. Procedures applicable in the Control Zone

Arrivals:

- For IFR training FLTs, 1 APCH is granted, succeeding APCH are subject to ATC.
- Arriving ACFT shall leave the RWY only via ASPH TWY A or D, unless otherwise instructed by the TWR and may taxi without clearance up to A1 or D1.
- When instructed to vacate via B, C or N cross RWY 06L/24R and hold at B1, C1 or N1.
- Each additional movement to the parking position requires a taxi clearance from TWR/GND.
- In certain cases, final guidance will be provided by an aircraft marshaller. (REF: LSZG AD 2.24.1-1 / 2.24.2 -1).

Departures:

- For IFR FLT, the REQ for start-up clearance to Grenchen TWR/GND, with an indication of ATIS designator, is compulsory.
- Departing ACFT shall taxi from the parking position as instructed by TWR/GND. (REF: LSZG AD 2.24.1-1 / 2.24.2 -1).
- Run-up at Holding Position.
- Single engine aircraft are considered to depart from the following intersections (TORA see LSZG AD 2.13):
  RWY 06: Intersections A and B
  RWY 24: Intersections D and C
  If a backtrack is needed (performance / noise abatement) PIC shall advise ATC at the holding point during his ready for departure message, i.e "ready for departure, request backtrack".
- ARVAN SID is not available.

3. Procedure applicable in the Radio Mandatory Zone

General

All flights:

- Apply the principle "see and avoid" in accordance with the visibility distances and proximity to clouds specified for the airspace class concerned and apply MAX IAS 140 kt.
- Crew is responsible for own separation to other traffic and obstacles in the RMZ and on the movement area.
- Check ATIS Grenchen 121.105 MHz.
- Comply with dedicated RMZ run-up positions, if applicable (REF: LSZG AD 2.24.1-3 / 2.24.2 -3).
- Make blind calls to report intentions and changes in altitude and direction. Use ATIS identifier on initial radio transmission.
- Report "begin of Downwind" / "Base" and "Final" for RWY 06(06L/R) or RWY 24(24L/R).
- Simultaneous movements are not permitted between:
  - the grass runways 06L/24R incl. FATO or 06R/24L and the concrete runway.
  - 06R/24L and the glider strip.

All IFR operations (departures and arrivals)

- Are subject to PPR. The Airport slot shall be obtained from Grenchen Airport (+41 (0)32 396 96 96). The Airport slot number shall be entered in the ICAO flight plan field 18 REMARKS.
- PIC shall state his mobile phone number in the ICAO flight plan field 18 REMARKS.
- Bern APP applies the principle "one at a time".

IFR Approaches

- Bern APP will provide RWY in use and QNH. No other flight or airport information services are provided.
- Approach clearance is provided according RWY in use only.
- Bern APP will terminate Radar Service and instruct crew to make blind calls on FREQ 120,105 MHz when the crew reports established on the inbound track, latest at ARVAN.
- Cancelling IFR after leaving Bern APP frequency is not allowed.
- Report 5 NM final RWY 24 and/or breaking for circling RWY06.
  RTF example: "HBXXX, 5NM final RWY 24 for landing" or "HBXXX, 5NM final RWY 24 for circling RWY 06".
- Missed approach shall be reported on the RMZ frequency. When leaving the RMZ the missed approach shall be reported immediately to Bern APP frequency 127.325 MHz.
  Note: CLR for re-entry into controlled airspace is implied with the approach clearance.
- All IFR APCH must either land, circle to land and vacate the RWY or fly the IFR missed approach procedure, if required (no VFR circuits, no missed approach for training).
- Report "runway vacated" on the RMZ frequency.
- Crew shall close the flight plan by calling 0800 437 837 (0800 IFR VFR).

LSZR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, supported OPS, classification, MAG VAR, (declination)	ID	FREQ, CH NR, RPI	Hours of operation	Coordinates of transmitting antenna position	ELEV of DME antenna or GBAS; ELEV, ellipsoid HGT of reference point SBAS; ellipsoid HGT of LTP/FTP	SER volume radius from GBAS reference point	RMK
1	2	3	4	5	6	7	8
ZURICH EAST DVOR/DME VAR 3.8° E / 2025 (decl.: 4.2° E)	ZUE	110.05 MHz CH 37Y	H24	47 35 31.8N 008 49 03.6E	*1734 ft*	NIL	DOC 80 NM / 50'000 ft.
LOC 10, ILS CAT I, class I/C/2, VAR 2° E	IAL	108.75 MHz	H24	47 29 01.43N 009 34 14.96E	NIL	NIL	LOC PSN: 146 m FM THR 28. RWY 10: LOC course 097° MAG. LOC axis offset 0.78° N. Front course sector width 5.0°. Reduced ICAO coverage: at 10 NM; +/- 15° from CL above *3600 ft AMSL.* Linearly raising to: at 10 NM; +/- 35° from CL above *4500 ft AMSL.* at 18 NM; +/- 10° from CL above *3600 ft AMSL.*
GP 10	--	330.35 MHz	H24	47 29 05.94N 009 33 15.53E	NIL	NIL	GP angle 4°. PSN: 220 m FM THR 10. GP HGT THR 10: 48 ft / 14.6 m.
DME 10	IAL	CH 24Y	H24	47 29 06.07N 009 33 15.56E	*1333 ft*	NIL	DME co-located with GP. Zero range at DME station. Reduced coverage: at 10 NM; +/- 15° from CL above *3600 ft AMSL.* Linearly raising to: at 10 NM; +/- 35° from CL above *4500 ft AMSL.* at 18 NM; +/- 10° from CL above *3600 ft AMSL.*

LSZR AD 2.20 LOCAL AERODROME REGULATIONS

1. Local flying restrictions and remarks

1.1 APCH

NIL

1.2 DEP

- Start-up CLR: IFR, SVFR and NVFR FLTs on FREQ provided by ATIS

FLT of less than 20 MIN DUR are only admitted at the following times:

MON-FRI:	0700 - 1100, 1230 - 1730 (0600 - 1000, 1130 - 1630)
SAT:	0700 - 1100 (0600 - 1000)

Additionally, the above mentioned FLTs are **prohibited** on the following Swiss and/or Austrian HOL: JAN 06, Good FRI, Easter MON, MAY 01, Ascension Day, Whit MON, Corpus Christi, National HOL (AUG 01), Assumption Day (AUG 15), Austrian National HOL (OCT 26), All Saint's Day (NOV 01), DEC 08 and DEC 26.
PPR for non-Turbofan equipped Jet ACFT (in accordance with ICAO Annex 16, Volume1, Chapter 2)

1.3 RMK

No simultaneous use of ASPH RWY and grass RWY.

1.4 SAFETY RULES

Use of high-visibility jacket which complies with EN 471 standard class 2 or 3 is mandatory for Flight Crews and Aircraft Technicians on Apron West and Apron East. In all other areas of the aerodrome the use of high visibility jackets is recommended.

2. Transponder Mandatory Zone (TMZ NE)

For Airspace information see ENR 2.2.5.

LSZR AD 2.21 NOISE ABATEMENT PROCEDURES

1. Reverse thrust

For deceleration, it is recommended that the entire RWY LEN AVBL is used; Reverse thrust shall be used for safety or operational reasons only.

2. Taxi and holding

Aeroplanes shall be operated with MNM noise level on ground.

3. Meteo condition

If Meteo condition permits, due to noise restrictions expect RWY 10 for landing and RWY 28 for departure.

LSGS AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	**SION CTR** 46 16 41N 007 26 05E - 46 14 00N 007 28 02E - 46 12 04N 007 23 51E - 46 10 20N 007 14 21E - arc of circle 1.62 NM on - 46 11 54N 007 13 45E - clockwise 46 13 27N 007 13 04E - 46 15 06N 007 20 51E - 46 16 41N 007 26 05E
2	**Vertical limits**	FL 130
3	**Airspace classification**	D
4	**ATS unit call sign Language(s)**	En; En and Fr for Non-Commercial VFR traffic.
5	**Transition altitude**	*17000 ft AMSL* except *13000 ft AMSL* for all SIDs
6	**Remarks**	ACT: HX - ATIS (monitoring compulsory)

LSGS AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	**2**	**3**	**4**	**5**
ATIS	NIL	130.630 MHz	HX	Phone: Service: +41 (0) 22 417 40 80
APP	SION RADAR	126.825 MHz	HO	Language: En
TWR	Sion Tower	118.275 MHz 119.700 MHz	HX	 ALTN FREQ Language: En; En and Fr for Non-Commercial VFR traffic.
FIC	Geneva Information	126.350 MHz	H24	NIL
GND	Sion Ground	121.705 MHz	HX	Language: En; En and Fr for Non-Commercial VFR traffic.

LSGS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type Category Variation (declination)	ID	Frequency CH NR	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	**2**	**3**	**4**	**5**	**6**	**7**
SION DVOR/DME VAR 3.5° E / 2025 (decl.: 3.9° E)	SIO	112.15 MHz CH 58Y	H24	46 12 55.8N 007 17 19.5E	*1594 ft*	 DOC 40 NM / 25'000 ft. Service range outside published IAC PROC unreliable.
LOC 25	ISI	110.70 MHz	H24	46 12 57.1N 007 18 40.4E		LOC PSN: 252° MAG, 2214 m FM THR 25. LOC course 244° MAG. Front course sector width 2°. Restricted coverage: 6 to 30 NM - +/- 8° from CL above 5° elevation from LOC.
GP 25		330.20 MHz	H24	46 13 54.7N 007 23 07.2E		GP Angle 6°. PSN: 072° MAG 3774 m before THR 25. Restricted coverage: 6 to 30 NM - +/- 8° from CL above 5° elevation from LOC.
DME 25	ISI	CH 44X	H24	46 12 54.7N 007 18 46.2E	*1609 ft*	DME Co-located with LOC. 1.2 NM DME THR 25. Restricted coverage: 6 to 30 NM - +/- 8° from CL above 5° elevation from LOC.

LSGS AD 2.20 LOCAL AERODROME REGULATIONS

1. Local flying restrictions and remarks

AD is for joint use: CIV and MIL.

Use is only by ACFT carrying SVCBL RTF equipment. Exemption from this restriction is granted in exceptional cases. Special permission to be requested by TEL prior to TKOF.

Use of paved RWY is compulsory for all aeroplanes during GLD ACT.

Reserved GLD SECT:
PJE: Refer to VFR Manual, LSGS VAC.

Use of reverse thrust:
For deceleration, it is recommended that the entire RWY LEN AVBL is used; use of reverse thrust shall be limited unless particular safety or operational reasons require it.

MON-SAT: 0600 - 0700 (0500 - 0600), 1100 - 1200 (1000 - 1100), 1700 - 1900 (1600 - 1800) and SUN-HOL, following operations are prohibited:

- AD circuits for
  - non based ACFT
  - noise Category A and B ACFT
  - multi engine ACFT
- aerobatics FLT in the CTR (except gliders) and in the TMA
- engine and reactors control
- technical FLT
- LDG, APCH with go-around, TKOF of ACFT noise Category I/II/III and civil registered fighters are subject to special AUTH.

2. MIL Equipment

- The runway is equipped with 2 retractable MIL arresting cables, located between the thresholds. Cables are retracted when CIV ACFT use RWY. The distance between the cables is 1250 m. If those are not retracted, CIV aircraft are prohibited from rolling over them.

3. Airport regulation

At Sion AP, a number of local regulations apply. The regulations are included in a manual which is AVBL at the AIS briefing office. This manual includes, among other subjects, the following:

a. the meaning of markings and signs;
b. information about ACFT parking;
c. HEL operations;
d. GLD ACT;
e. PJE;
f. aerobatics;
g. marshaller assistance and towing;
h. engine start-up and use of APU.

Departing IFR FLTs shall always contact Sion Ground 121.705 MHz to obtain start-up and ATC clearance.
Marshaller assistance or “Follow me” vehicles can be requested and further information about the regulation can be obtained from Sion Ground or the AIS.
When a local regulation is of importance for the safe operation of ACFT on the apron, the information will be given to each ACFT by Sion Ground or the AIS.

“Local regulations” may be requested, in writing, from:

Post: Aéroport de Sion
Route de l’aéroport
CH-1950 Sion

LSZH AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	**Zurich CTR** 47 21 49 N 008 32 10 E - 47 21 52 N 008 23 26 E - 47 23 20 N 008 20 36 E - 47 29 06 N 008 19 59 E - 47 30 44 N 008 20 38 E - 47 32 10 N 008 21 38 E - 47 33 10 N 008 22 33 E - 47 34 08 N 008 23 57 E - 47 35 20 N 008 26 21 E - 47 36 12 N 008 28 54 E - 47 36 34 N 008 32 27 E - 47 30 35 N 008 44 15 E - 47 29 46 N 008 44 57 E - 47 29 33 N 008 46 08 E - 47 27 40 N 008 45 34 E - 47 23 58 N 008 44 27 E - 47 23 17 N 008 43 24 E - 47 21 50 N 008 42 58 E - 47 19 10 N 008 34 10 E - 47 21 49 N 008 32 10 E
2	**Vertical limits**	CTR: *4500 ft AMSL (1350 m)*
3	**Airspace classification**	D
4	**ATS unit call sign Language(s)**	CTR: Zurich TWR, En
5	**Transition altitude**	*7000 ft*
6	**Remarks**	NIL

LSZH AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
ZURICH AREA		121.500 MHz	H24	**Language: En** Emergency channel
ATIS ARR		125.730 MHz	H24	Phone: Service +41 (0) 43 931 60 72
ATIS DEP		129.005 MHz	H24	Phone: Service +41 (0) 43 931 60 73
APP/SR VDF[1)]	Zurich Arrival do.	130.560 MHz 135.230 MHz	H24 H24	ARR ACFT via GIPOL ARR ACFT via AMIKI and RILAX
	Zurich Departure	125.955 MHz	HX*	DEP ACFT
	Zurich Final	125.330 MHz	HX*	*only on ATC instruction
		120.750 MHz	HX*	ALTN FREQ for all APP services (Zurich Arrival, Departure and Final)
TWR VDF[1)]	Zurich Tower do. do.	118.100 MHz 120.230 MHz 119.700 MHz	H24 H24 H24	Primary APCH RWY 14 and TKOF RWY 32 ALTN FREQ
Dubendorf TWR	Dubendorf Tower	118.975 MHz	HX	See: ENR 2.1 TMA Zurich 5: up to FL095 - if Dubendorf TWR inactive, contact Zurich Information 124.700 MHz
Terminal VDF[1)]	Zurich Terminal	127.755 MHz	H24	VFR FLT within LSZH TMA
CLR DEL	Zurich Delivery	121.930 MHz	H24	ATC clearance for IFR
GND VDF[1)]	Zurich Ground	121.905 MHz 118.100 MHz 119.700 MHz	H24 H24 H24	Primary
De-Icing	Pad Coordinator F	121.635 MHz	AVBL if MET COND requires	REF: LSZH AD 2.20, § 5
	Pad Coordinator C	121.640 MHz	AVBL if MET COND requires	REF: LSZH AD 2.20, § 5
	De-icing Coordination	121.810 MHz	H24	
APRON	Zurich Apron	121.755 MHz	0445-2230 (0345-2130)	South of RWY 28
	do.	121.705 MHz	0445-2230 (0345-2130)	ALTN FREQ
	do.	121.855 MHz	0445-2230 (0345-2130)	North of RWY 28
	do.	121.980 MHz	0445-2230 (0345-2130)	ALTN FREQ
FIC	Zurich Information	124.700 MHZ	H24	For VFR FLT within TMA
Fire Brigade	Florian 1	123.100 MHz	H24*	*Only when fire brigade present on site. REF: LSZH AD 2.6 §4

1. VDF REC antenna PSN: 47 27 01 N 008 34 37 E

LSZH AD 2.19 RADIO NAVIGATI ON AND LANDING AIDS

Type of aid, supported OPS, classification, MAG VAR, (declination)	ID	FREQ CH NR, RPI	Hours of operation	Coordinates of transmitting antenna position	ELEV of DME antenna or GBAS; ELEV, ellipsoid HGT of reference point SBAS; ellipsoid HGT of LTP/FTP	SER volume radius from GBAS reference point	RMK
1	2	3	4	5	6	7	8
TRASADINGEN DME	TRA	CH 90X	H24	47 41 22.2N 008 26 13.1E	*1850 ft*	NIL	DOC 100 NM / 50'000 ft Paired VOR FREQ 114.30 MHz
KLOTEN DVOR/DME, VAR 3.6° E / 2025 (decl.: 4.0° E)	KLO	114.85 MHz CH 95Y	H24	47 27 25.7N 008 32 44.1E	*1410 ft*	NIL	DOC 50 NM / 25'000 ft VOR partially UNREL BTN R235 and R245 BLW *7400 ft AMSL* and BTN R040 and R080 BLW *5200 ft AMSL*.
ZURICH EAST DVOR/DME, VAR 3.8° E / 2025 (decl.: 4.2° E)	ZUE	110.05 MHz CH 37Y	H24	47 35 31.8N 008 49 03.6E	*1734 ft*	NIL	DOC 80 NM / 50'000 ft
HOCHWALD DME	HOC	CH 79X	H24	47 27 59.6N 007 39 55.6E	*2425 ft*	NIL	DOC 60 NM / 50'000 ft, DME range 85 NM in sector 30° - 120°. Paired VOR FREQ 113.20 MHz
KRONBERG DME	KRO	CH 28Y	H24	47 17 30.1N 009 19 39.9E	*5489 ft*	NIL	DOC 100 NM / 50'000 ft in sector 185° - 115°, unreliable in sector 115° - 185°. Paired VOR FREQ 109.15 MHz
STOCKHORN DME	STH	CH 89Y	H24	46 41 37.7N 007 32 18.6E	*7251 ft*	NIL	DOC 100 NM / 50'000 ft, Paired VOR FREQ 114.25 MHz
WILLISAU DVOR/DME, VAR 3.5° E / 2025 (decl.: 3.9° E)	WIL	116.90 MHz CH 116X	H24	47 10 42.1N 007 54 20.9E	*2426 ft*	NIL	DOC 50 NM / 25'000 ft, range 80 NM in sector 0° - 105°.
GBAS, class C/G1/0/H, APCH facility designation LSZH/ G14A/20242/S/C	G14A (RWY 14)	114.05 MHz CH 20242	H24	47 28 46.9N 008 31 49.2E	ELEV of GBAS *1416 ft*	NIL	Restricted coverage (published procedures covered): at 15 NM -35°E to 20°S from CL above *3700 ft AMSL*. at 15 NM +/- 35° from CL above *4000 ft AMSL*. at 20 NM +/- 10° from CL above *4700 ft AMSL*. Ellipsoid height: 478.81 m

Type of aid, supported OPS, classification, MAG VAR, (declination)	ID	FREQ CH NR, RPI	Hours of operation	Coordinates of transmitting antenna position	ELEV of DME antenna or GBAS; ELEV, ellipsoid HGT of reference point SBAS; ellipsoid HGT of LTP/FTP	SER volume radius from GBAS reference point	RMK
1	2	3	4	5	6	7	8
LOC 14; ILS CAT III, class III/E/4 VAR 3° E	IKL	111.75 MHz	H24	47 27 35.5N 008 33 59.1E	NIL	NIL	LOC PSN: 216 m FM THR 32. RWY 14: LOC course 134° MAG. Front course sector width 3.57°. Restricted coverage: (published procedures covered): at 10 NM - +/- 35° from CL above *3800 ft AMSL*. at 17 NM - 24° E to 33° W from CL above *3800 ft AMSL*. at 25 NM - +/- 10° from CL above *4500 ft AMSL*.
GP 14	--	333.35 MHz	H24	47 28 50.0N 008 32 25.8E	NIL	NIL	GP angle 3°. PSN: 350 m FM THR 14. GP HGT THR 14: 53 ft / 16.2 m.
DME 14	IKL	CH 54Y	H24	47 28 50.0N 008 32 25.6E	*1415 ft*	NIL	DME co-located with GP. Zero range at DME station. Restricted coverage (published procedures covered): at 10 NM - +/- 35° from CL above *3800 ft AMSL.* at 17 NM - +/- 35° from CL above *3800 ft AMSL.* at 25 NM - 10° E to 0° W from CL above *4500 ft AMSL*.
LOC 16, ILS CAT III, class III/E/4, VAR 3° E	IZH	110.50 MHz	H24	47 26 35.2N 008 33 30.2E	NIL	NIL	LOC PSN: 758 m FM THR 34. RWY 16: LOC course 152° MAG Front course sector width 3.0°. Restricted coverage: at 17 NM; +/- 15° from CL above *3800 ft AMSL.* at 25 NM; +/- 10° from CL above *4600 ft AMSL.* No low clearance and no receiver flag within the area 17 NM *3800 ft* 25° E to 30° W from CL.
GP 16	--	329.60 MHz	H24	47 28 23.1N 008 32 22.6E	NIL	NIL	GP angle 3°. PSN: 384 m FM THR 16. GP HGT THR 16: 54 ft / 16.5 m.
DME 16	IZH	CH 42X	H24	47 28 23.0N 008 32 22.9E	*1400 ft*	NIL	DME co-located with GP. Zero range at DME station. Restricted coverage: at 17 NM; +/- 15° from CL above *3800 ft AMSL.* at 25 NM; +/- 10° from CL above *4600 ft AMSL.*

Type of aid, supported OPS, classification, MAG VAR, (declination)	ID	FREQ CH NR, RPI	Hours of operation	Coordinates of transmitting antenna position	ELEV of DME antenna or GBAS; ELEV, ellipsoid HGT of reference point SBAS; ellipsoid HGT of LTP/FTP	SER volume radius from GBAS reference point	RMK
1	2	3	4	5	6	7	8
LOC 28, ILS UNCAT, class I/C/2, VAR 3° E	IZW	109.75 MHz	H24	47 27 33.6N 008 31 55.3E	NIL	NIL	LOC PSN: 413 m FM THR 10. RWY 28: LOC course 273° MAG. Front course sector width 4.13°. Uncategorised ILS APCH RWY 28 due to obstacle limitation and restriction according to non-instrument RWY criteria. Restricted coverage: at 17 NM; +/- 35° from CL above *4900 ft AMSL*. at 25 NM; +/- 10° from CL above *4900 ft AMSL*.
GP 28	--	333.050 MHz	H24	Radiating point: 47 27 26.5N 008 33 59.4E	NIL	NIL	GP angle 3.3°. PSN: 304 m FM THR 28. GP HGT THR 28: 51 ft / 15.5 m. Restricted coverage (published procedures covered): above *4900 ft AMSL* at 12 NM; - 8° S to - 4° S from CL at 15 NM; - 4° S to 0° from CL at 13 NM; 0° to 3° N from CL at 12 NM; 3° N to 4° N from CL above *5900 ft AMSL* at 13 NM; - 8° S to - 4° S from CL at 17 NM; - 4° S to 2° N from CL at 14 NM; 2° N to 4° N from CL
DME 28	IZW	CH 34Y	H24	47 27 27.1N 008 33 59.8E	*1423 ft*	NIL	DME co-located with GP. Zero range at DME station. Restricted coverage (published procedures covered): at 16 NM - 8° S to 4° N from CL above *4700 ft AMSL*. at 17 NM - +/- 15° from CL above *5700 ft AMSL*. at 20 NM - 8° S to 4° N from CL above *5700 ft AMSL*.

Procedure Description of RNAV 1 STAR KELIP 3G						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
TF	ZH501	N	-	-	326° (329.1°T)	5.9
TF	GIPOL	N	+7000	-	275° (278.2°T)	20.7

2.2 STAR TO GIPOL - NON RNAV

(see chart LSZH AD 2.24.9.2 - 1)

	STAR TO GIPOL - NON RNAV		
	ROUTE		
DESIGNATOR	Lateral	Vertical	Remark
WILLISAU 3Z (WIL 3Z)	At WIL intercept R013 WIL. Proceed to GIPOL.	Refer to chart	NIL

2.3 STAR TO AMIKI - RNAV 1

(see chart LSZH AD 2.24.9.3 - 1)

	STAR TO AMIKI - RNAV 1		
	ROUTE		
DESIGNATOR	Lateral	Vertical	Remark
TRA 2A	From TRA proceed to AMIKI.	Refer to chart	NIL
NEGRA 2A	From NEGRA proceed via MATIV to AMIKI	Refer to chart	NIL
RILAX 2A	From RILAX proceed via LAMAX to AMIKI	Refer to chart	NIL

Procedure Description of RNAV 1 STAR TRA 2A						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	TRA	N	-	-	-	-
TF	AMIKI	N	+7000	-	103° (105.7°T)	25.3

Procedure Description of RNAV 1 STAR NEGRA 2A						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	NEGRA	N	-	-	-	-
TF	MATIV	N	-	-	228° (231.0°T)	12.3
TF	AMIKI	N	+7000	-	257° (259.7°T)	6.4

Procedure Description of RNAV 1 STAR RILAX 2A						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	RILAX	N	-	-	-	-
TF	LAMAX	N	-	-	138° (140.6°T)	25.0
TF	AMIKI	N	+7000	-	114° (117.7°T)	6.1

2.4 Approach procedures:

REF: ENR 1.5

2.4.1 Initial call

On initial call to “Zurich Arrival” the pilot shall report:

- Call sign and the word “HEAVY” or “SUPER”, if applicable;
- Level, including passing and cleared level, if in climb/descent;
- Speed, if assigned by ATC;
- Aircraft type; and
- IDENT letter of the received ARR ATIS information.

2.4.2 RNAV 1 Transitions to Final Approach

The 'RNAV 1 ARRIVAL TRANSITIONS TO FINAL APPROACH' start at the end of the STARs and guide the aircraft to the relevant final approach track of the published instrument approach procedures for the runways 14, 16 or 28.
By utilizing these procedures, reduction in radio telephony communication is possible. The turn to final approach is usually performed by radar vectors to expedite traffic and for separation reasons.
The utilization of the procedure requires a clearance by ATC.
The procedures are at or above ATC surveillance minimum altitude and will be radar monitored.
The flight crew unable to fly RNAV 1 TRANSITIONS shall advise ATC on initial contact with APP by using the phraseology: **‘UNABLE RNAV TRANSITION‘**. ATC will then issue radar vectors to the final approach track of the relevant instrument approach.

2.4.3 Procedure description of RNAV 1 Transition to Final Approach RWY 14 (ILS, LOC, GLS, RNP)

(see chart LSZH 2.24.10.1 - 1)

From GIPOL						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	GIPOL	N	-	-	-	-
TF	ZH372	N	-	-240	106° (109.3°T)	6.7
TF	ZH404	N	-	-	058° (060.9°T)	4.8
TF	ZH406	N	-	-	314° (317.0°T)	4.2
TF	ZH408	N	-	-	314° (317.0°T)	5.0
TF	ZH410	N	+6000	-	044° (046.9°T)	6.0
TF	ZH414	N	+4300	-	134° (136.9°T)	4.9
TF	OSNEM	N	+4000	-	134° (137.1°T)	4.0

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	ZH371	N	+FL100	-	144° (147.0°T)	5.6
TF	ZH373	N	+FL080	-	144° (147.0°T)	2.9
TF	ZH375	N	-	-	144° (146.9°T)	13.4
TF	ZH403	N	-	-	244° (247.4°T)	9.0
TF	ZH405	N	+7000	-	314° (317.3°T)	4.5
TF	ZH407	N	-	-	314° (317.2°T)	5.0
TF	ZH409	N	-	-	314° (317.2°T)	5.0
TF	ZH410	N	+6000	-	224° (227.1°T)	6.0
TF	ZH414	N	+4300	-	134° (136.9°T)	4.9
TF	OSNEM	N	+4000	-	134° (137.1°T)	4.0

From AMIKI						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	AMIKI	N	-	-	-	-
TF	ZH375	N	-	-	289° (292.0°T)	10.0
TF	ZH403	N	-	-	244° (247.4°T)	9.0
TF	ZH405	N	+7000	-	314° (317.3°T)	4.5
TF	ZH407	N	-	-	314° (317.2°T)	5.0
TF	ZH409	N	-	-	314° (317.2°T)	5.0
TF	ZH410	N	+6000	-	224° (227.1°T)	6.0
TF	ZH414	N	+4300	-	134° (136.9°T)	4.9
TF	OSNEM	N	+4000	-	134° (137.1°T)	4.0

2.4.4 Procedure description of RNAV 1 Transition to Final Approach RWY 16 (ILS, LOC)

(see chart LSZH 2.24.10.2 - 1)

From GIPOL						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	GIPOL	N	-	-	-	-
TF	ZH372	N	-	-	106° (109.3°T)	6.7
TF	ZH424	N	-	-	058° (060.9°T)	6.7
TF	ZH426	N	+6000	-	332° (334.9°T)	6.2
TF	ZH428	N	-	-	332° (334.8°T)	4.1
TF	ZH430	N	-	-	062° (064.7°T)	6.0
TF	ZH434	N	+5000	-	152° (154.9°T)	4.2
TF	ENUSO	N	+4000	-	152° (154.9°T)	4.0

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	ZH371	N	+FL100	-	144° (147.0°T)	5.6
TF	ZH373	N	+FL080	-	144° (147.0°T)	2.9
TF	ZH375	N	+7000	-	144° (146.9°T)	13.4
TF	ZH425	N	-	-	255° (257.6°T)	8.3
TF	ZH427	N	+6000	-	332° (335.0°T)	6.3
TF	ZH429	N	-	-	332° (335.0°T)	4.1
TF	ZH430	N	-	-	242° (244.9°T)	6.0
TF	ZH434	N	+5000	-	152° (154.9°T)	4.2
TF	ENUSO	N	+4000	-	152° (154.9°T)	4.0

From AMIKI						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	AMIKI	N	-	-	-	-
TF	ZH375	N	+7000	-	289° (292.0°T)	10.0
TF	ZH425	N	-	-	255° (257.6°T)	8.3
TF	ZH427	N	+6000	-	332° (335.0°T)	6.3
TF	ZH429	N	-	-	332° (335.0°T)	4.1
TF	ZH430	N	-	-	242° (244.9°T)	6.0
TF	ZH434	N	+5000	-	152° (154.9°T)	4.2
TF	ENUSO	N	+4000	-	152° (154.9°T)	4.0

2.4.5 Procedure description of RNAV 1 Transition to Final Approach RWY 28 (ILS, LOC, RNP)

(see chart LSZH 2.24.10.3 - 1)

From GIPOL						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	GIPOL	N	-	-	-	-
TF	ZH445	N	-	-	046° (049.4°T)	6.1
TF	ZH447	N	-	-	143° (146.0°T)	8.8
TF	ZH449	N	-	-	143° (146.1°T)	6.9
TF	ZH451	N	-	-	093° (095.8°T)	7.0
TF	ZH453	N	-	-	093° (096.0°T)	5.0
TF	ZH455	N	-	-	093° (096.1°T)	5.0
TF	ZH457	N	-	-	093° (096.1°T)	5.0
TF	ZH459	N	-	-	093° (096.2°T)	5.0
TF	ZH460	N	+7000	-	003° (006.3°T)	7.0
TF	ZH464	N	-	-	273° (276.4°T)	5.4
TF	RAMEM	N	+5000	-	273° (276.2°T)	4.0

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	ZH446	N	+FL100	-	165° (168.1°T)	4.8
TF	ZH448	N	+FL080	-	165° (168.1°T)	3.6
TF	ZH450	N	-	-	165° (168.1°T)	3.9
TF	ZH452	N	-	-	165° (168.1°T)	3.9
TF	ZH454	N	-	-	126° (128.9°T)	11.7
TF	ZH456	N	-	-	093° (096.1°T)	5.0
TF	ZH458	N	-	-	093° (096.2°T)	5.0
TF	ZH460	N	+7000	-	183° (186.3°T)	7.0
TF	ZH464	N	-	-	273° (276.4°T)	5.4
TF	RAMEM	N	+5000	-	273° (276.2°T)	4.0

From AMIKI						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	AMIKI	N	-	-	-	-
TF	ZH382	N	-	-	312° (314.8°T)	17.4
TF	ZH450	N	-	-	248° (251.1°T)	6.7
TF	ZH452	N	-	-	165° (168.1°T)	3.9
TF	ZH454	N	-	-	126° (128.9°T)	11.7
TF	ZH456	N	-	-	093° (096.1°T)	5.0
TF	ZH458	N	-	-	093° (096.2°T)	5.0
TF	ZH460	N	+7000	-	183° (186.3°T)	7.0
TF	ZH464	N	-	-	273° (276.4°T)	5.4
TF	RAMEM	N	+5000	-	273° (276.2°T)	4.0

2.4.6 Procedure description of RNP RWY 28

(see chart LSZH AD 2.24.10.3 - 7)

From RAMEM						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RAMEM	N	5000	-	-	-
TF	RW28	Y	-	-	273° (276.2°T)	10.1
TF(1)	ZH465	N	-4000	-	273° (276.0°T)	5.0
TF	ZH466	N	-	-210	193° (196.0°T)	7.9
TF	ZH467	N	-	-	241° (244.4°T)	12.2
TF	ZH468	N	-	-	295° (297.5°T)	7.6
TF	GIPOL	N	+7000	-230	013° (015.7°T)	12.2

(1) The first segment of the missed approach to ZH465 can be replaced by DF instead of TF in order to accommodate for coding issues with some FMS manufacturers.

2.4.7 FREQ change

- When changing FREQ from Zurich Arrival to Zurich Final, initial contact shall be restricted to **Zurich Final & call sign.**
- When changing FREQ from Zurich Arrival or Zurich Final to Zurich TWR, initial contact shall be restricted to **Zurich TWR, call sign, type of APCH & RWY.**

2.4.8 Speed restrictions

Speed restrictions are applied for ATC separation purposes and are mandatory. In the event of a new (non-speed related) ATC clearance being issued (e.g. an instruction to descend on ILS/GLS), pilots shall CONT to maintain a previously allocated speed.
All speed restrictions are to be flown as accurately as possible. Pilots unable to comply with the given speeds shall inform ATC and state what speeds may be used.

2.4.9 Procedure description of RNAV Standard Initial APCH Segment to Final Approach RWY 14 (ILS, LOC)

(see chart LSZH AD 2.24.10.1 - 3 and LSZH AD 2.24.10.1 - 5)

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	EDUMI	N	+7000	-	189° (191.5°T)	11.1
TF	TRA	N	+5000	-	188° (191.5°T)	4.4
TF	ZH413	N	-	-210	224° (227.1°T)	5.5
TF	OSNEM	N	+4000	-	134° (137.2°T)	3.9

2.4.10 Procedure description of GLS RWY 14

(see chart LSZH AD 2.24.10.1 - 7)

From GIPOL						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	GIPOL	N	+7000	-	-	-
TF	ZH412	N	+6000	-210	052° (055.3°T)	9.5
TF	ZH413	N	-	-	063° (065.6°T)	4.6
TF	OSNEM	N	4000	-	134° (137.2°T)	3.9

From AMIKI						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	AMIKI	N	-	-	-	-
TF	ZUE	N	-	-	274° (277.1°T)	9.0
TF	ZH411	N	+7000	-	288° (290.9°T)	6.5
TF	TRA	N	+5000	-210	288° (290.7°T)	10.0
TF	ZH413	N	-	-	224° (227.1°T)	5.5
TF	OSNEM	N	4000	-	134° (137.2°T)	3.9

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	EDUMI	N	+7000	-	189° (191.5°T)	11.1
TF	TRA	N	+5000	-210	188° (191.5°T)	4.4
TF	ZH413	N	-	-	224° (227.1°T)	5.5
TF	OSNEM	N	4000	-	134° (137.2°T)	3.9

Missed approach after precision segment						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	ZH415	Y	-	-	-	-
DF	ZH416	N	-4000	-210	-	-
TF	ZH417	N	-	-	013° (015.7°T)	4.6
TF	ZUE	N	+6000	-	052° (054.9°T)	3.7
TF	AMIKI	N	-	-	094° (096.9°T)	9.0

2.4.11 Procedure description of RNP RWY 14

(see chart LSZH AD 2.24.10.1 - 9)

From GIPOL						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	GIPOL	N	+7000	-	-	-
TF	ZH412	N	+6000	-210	052° (055.3°T)	9.5
TF	ZH413	N	-	-	063° (065.6°T)	4.6
TF	OSNEM	N	4000	-	134° (137.2°T)	3.9
TF	RW14	Y	-	-	134° (137.1°T)	8.0
DF	ZH415	Y	-	-	134° (137.1°T)	5.3
DF	ZH416	N	-4000	-210	-	-
TF	ZH417	N	-	-	013° (015.7°T)	4.6
TF	ZUE	N	+6000	-	052° (054.9°T)	3.7
TF	AMIKI	N	-	-	094° (096.9°T)	9.0

From AMIKI						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	AMIKI	N	-	-	-	-
TF	ZUE	N	-	-	274° (277.1°T)	9.0
TF	ZH411	N	+7000	-	288° (290.9°T)	6.5
TF	TRA	N	+5000	-210	288° (290.7°T)	10.0
TF	ZH413	N	-	-	224° (227.1°T)	5.5
TF	OSNEM	N	4000	-	134° (137.2°T)	3.9
TF	RW14	Y	-	-	134° (137.1°T)	8.0
DF	ZH415	Y	-	-	134° (137.1°T)	5.3
DF	ZH416	N	-4000	-210	-	-
TF	ZH417	N	-	-	013° (015.7°T)	4.6
TF	ZUE	N	+6000	-	052° (054.9°T)	3.7
TF	AMIKI	N	-	-	094° (096.9°T)	9.0

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	EDUMI	N	+7000	-	189° (191.5°T)	11.1
TF	TRA	N	+5000	-210	188° (191.5°T)	4.4
TF	ZH413	N	-	-	224° (227.1°T)	5.5
TF	OSNEM	N	4000	-	134° (137.2°T)	3.9
TF	RW14	Y	-	-	134° (137.1°T)	8.0
DF	ZH415	Y	-	-	134° (137.1°T)	5.3
DF	ZH416	N	-4000	-210	-	-
TF	ZH417	N	-	-	013° (015.7°T)	4.6
TF	ZUE	N	+6000	-	052° (054.9°T)	3.7
TF	AMIKI	N	-	-	094° (096.9°T)	9.0

CTN: Step down fix at 3.5 NM to RW14 not to be coded as WPT.

2.4.12 Procedure description of RNAV 1 Standard Initial APCH Segment to Final Approach RWY 16 (ILS, LOC)
(see chart LSZH AD 2.24.10.2 - 3 and LSZH AD 2.24.10.2 - 5)

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	EDUMI	N	+7000	-	189° (191.5°T)	11.1
TF	TRA	N	+5000	-	188° (191.5°T)	4.4
TF	ZH706	N	-	-210	188° (191.5°T)	3.0
TF	ENUSO	N	+4000	-	152° (154.9°T)	2.9

2.4.13 Procedure description of RNAV 1 Standard Initial APCH Segment to Final Approach RWY 28 (ILS, LOC)
(see chart LSZH AD 2.24.10.3 - 3 and LSZH AD 2.24.10.3 - 5)

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	EDUMI	N	+7000	-	189° (191.5°T)	11.1
TF	TRA	N	-	-	188° (191.5°T)	4.4
TF	KLO	N	+6000	-	159° (162.4°T)	14.6

2.4.14 Procedure description RWY 34

2.4.14.1 Procedure description of RNAV 1 Standard Initial APCH Segment to Final Approach RWY 34 (ILS, LOC)
(see chart LSZH AD 2.24.10.4 - 1 and LSZH AD 2.24.10.4 - 3)

From GIPOL						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	GIPOL	N	-	-	-	-
TF	ZH479	N	+7000	-	046° (048.5°T)	10.9
TF	ZH481	N	-	-	152° (154.7°T)	6.0
TF	ZH483	N	-	-	152° (154.8°T)	6.0
TF	ZH485	N	-	-	152° (154.8°T)	6.0
TF	ZH487	N	-	-	152° (154.9°T)	6.0
TF	ZH489	N	-	-	152° (154.9°T)	6.0
TF	ZH490	N	+6000	-	062° (065.0°T)	7.0
TF	UTIXO	N	-	-	332° (335.1°T)	2.9
TF	MILNI	N	+5000	-	332° (335.3°T)	2.0

From RILAX						
Path terminator	**Waypoint**	**Flyover**	**Altitude (ft)**	**Speed limit (kt)**	**Track**	**Distance (NM)**
IF	RILAX	N	-	-	-	-
TF	ZH474	N	+FL100	-	185° (187.5°T)	4.7
TF	ZH476	N	-	-	185° (187.5°T)	2.8
TF	ZH478	N	+FL080	-	152° (155.1°T)	6.2
TF	ZH480	N	+7000	-	152° (155.0°T)	6.0
TF	ZH482	N	-	-	152° (155.0°T)	6.0
TF	ZH484	N	-	-	152° (155.1°T)	6.0
TF	ZH486	N	-	-	152° (155.1°T)	6.0

From RILAX						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
TF	ZH488	N	-	-	152° (155.2°T)	6.0
TF	ZH490	N	+6000	-	242° (245.2°T)	7.0
TF	UTIXO	N	-	-	332° (335.1°T)	2.9
TF	MILNI	N	+5000	-	332° (335.3°T)	2.0

From AMIKI						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	AMIKI	N	-	-	-	-
TF	ZH382	N	-	-	312° (314.8°T)	17.4
TF	ZH478	N	+FL080	-	243° (246.1°T)	7.9
TF	ZH480	N	+7000	-	152° (155.0°T)	6.0
TF	ZH482	N	-	-	152° (155.0°T)	6.0
TF	ZH484	N	-	-	152° (155.1°T)	6.0
TF	ZH486	N	-	-	152° (155.1°T)	6.0
TF	ZH488	N	-	-	152° (155.2°T)	6.0
TF	ZH490	N	+6000	-	242° (245.2°T)	7.0
TF	UTIXO	N	-	-	332° (335.1°T)	2.9
TF	MILNI	N	+5000	-	332° (335.3°T)	2.0

2.4.14.2 Procedure description of RNP RWY 34

(see chart LSZH AD 2.24.10.4 - 5)

From GIPOL						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	GIPOL	N	-	-	-	-
TF	ZH479	N	+7000	-	046° (048.5°T)	10.9
TF	ZH481	N	-	-	152° (154.7°T)	6.0
TF	ZH483	N	-	-	152° (154.8°T)	6.0
TF	ZH485	N	-	-	152° (154.8°T)	6.0
TF	ZH487	N	-	-	152° (154.9°T)	6.0
TF	ZH489	N	-	-	152° (154.9°T)	6.0
TF	ZH490	N	+6000	-	062° (065.0°T)	7.0
TF	UTIXO	N	-	-	332° (335.1°T)	2.9
TF	MILNI	N	+5000	-	332° (335.3°T)	2.0
TF	RW34	Y	-	-	332° (335.0°T)	10.1
TF	ZH495	N	-5000	-185	332° (334.6°T)	7.0
TF	GIPOL	N	+7000	-	258° (260.7°T)	18.1

From RILAX						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	RILAX	N	-	-	-	-
TF	ZH474	N	+FL100	-	185° (187.5°T)	4.7
TF	ZH476	N	-	-	185° (187.5°T)	2.8
TF	ZH478	N	+FL080	-	152° (155.1°T)	6.2
TF	ZH480	N	+7000	-	152° (155.0°T)	6.0
TF	ZH482	N	-	-	152° (155.0°T)	6.0
TF	ZH484	N	-	-	152° (155.1°T)	6.0

From RILAX						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
TF	ZH486	N	-	-	152° (155.1°T)	6.0
TF	ZH488	N	-	-	152° (155.2°T)	6.0
TF	ZH490	N	+6000	-	242° (245.2°T)	7.0
TF	UTIXO	N	-	-	332° (335.1°T)	2.9
TF	MILNI	N	+5000	-	332° (335.3°T)	2.0
TF	RW34	Y	-	-	332° (335.0°T)	10.1
TF	ZH495	N	-5000	-185	332° (334.6°T)	7.0
TF	GIPOL	N	+7000	-	258° (260.7°T)	18.1

From AMIKI						
Path terminator	Waypoint	Flyover	Altitude (ft)	Speed limit (kt)	Track	Distance (NM)
IF	AMIKI	N	-	-	-	-
TF	ZH382	N	-	-	312° (314.8°T)	17.4
TF	ZH478	N	+FL080	-	243° (246.1°T)	7.9
TF	ZH480	N	+7000	-	152° (155.0°T)	6.0
TF	ZH482	N	-	-	152° (155.0°T)	6.0
TF	ZH484	N	-	-	152° (155.1°T)	6.0
TF	ZH486	N	-	-	152° (155.1°T)	6.0
TF	ZH488	N	-	-	152° (155.2°T)	6.0
TF	ZH490	N	+6000	-	242° (245.2°T)	7.0
TF	UTIXO	N	-	-	332° (335.1°T)	2.9
TF	MILNI	N	+5000	-	332° (335.3°T)	2.0
TF	RW34	Y	-	-	332° (335.0°T)	10.1
TF	ZH495	N	-5000	-185	332° (334.6°T)	7.0
TF	GIPOL	N	+7000	-	258° (260.7°T)	18.1

2.4.15 ILS category III

The CAT III ILS (RWY 14 and 16) and the associated equipment are in compliance with ICAO SARPS. Details are given in LSZH AD 2.19 and IAC.

2.4.16 Visual approach

Visual APCHs are AVBL at LSZH on the grounds of safety only (for example, to avoid adverse weather, such as TS/CB).

2.5 Land and Hold Short Operation RWY 28 (secondary intersecting RWY)

2.5.1 Introduction

The land and hold short operation allows VFR APCHs with admitted ACFT types and in compliance with defined conditions on RWY 28 (SRY intersecting RWY) with simultaneous IFR APCHs and DEPs on RWY 16/34 (PRI intersecting RWY).

2.5.2 Admitted ACFT

- All single-engine ACFT up to 5700 kg MTOM

2.6 ICAO Code Letter F Flight Operations

For ICAO Code letter F ground operations, refer to LSZH AD 2.20 § 3.4 and chart LSZH AD 2.24.3 - 5.

2.6.1 Arrival

APCH via ILS RWY 14 CAT I, II & III, GLS RWY 14, ILS RWY 16 CAT I, II & III, ILS RWY 34 CAT I or ILS RWY 28 UNCAT. Other RWYs are not AVBL for LDG.

2.6.2 Departure

DEP from RWY 16, RWY 32 or RWY 34. Other RWYs are not AVBL for DEP.

All published SID on the mentioned RWYs are applicable, refer to LSZH AD 2.22 § 1.

3. JAA minima for Zurich AP

TKOF **RWY 16, 28, 32, 34**

	Low Visibility Procedures must be in force				
	REDL, CL LGT and multiple RVR required	REDL and CL LGT	RCL markings (day only) or REDL	RCL markings (day only) or REDL	NIL (day only)
A	150 m [1) 3)]	200 m	250 m	400 m	500 m
B			300 m		600 m
C					
D	200 m [2) 3)]	250 m	400 m		800 m

1. 125 m provided the conditions under Appendix 1 to JAR-OPS 1.430 (a) (4) (i), (A) to (E) are met
2. 150 m provided the conditions under Appendix 1 to JAR-OPS 1.430 (a) (4) (i), (A) to (E) are met
3. 75 m provided the conditions under Appendix 1 to JAR-OPS 1.430 (a) (4) (i), (A) to (E) are met and the ACFT has an APV lateral guidance system for TKOF

Take-off **RWY 10**

	RCL markings (day only) or REDL	NIL (day only)
A	400 m	500 m
B		600 m
C		
D		800 m

4. Minima for IFR departures (TKOF minima)

RWY	ACFT CAT	Vis (m) / Ceiling (ft AGL)			RMK
		No LGT AVBL	REDL or RCLL AVBL	REDL and RCLL AVBL	
10	A	500/---	400/---	400/---	Due to LIL
	B	600/---	400/---	400/---	
	C	600/---	400/---	400/---	
	D	800/---	400/---	400/---	
All EXC 10	A	500/---	250/---	150/---	NIL
	B	600/---	300/---	150/---	
	C	600/---	300/---	150/---	
	D	800/---	400/---	200/---	

LSZH AD 2.23 ADDITIONAL INFORMATION

1. List of significant points (Terminal)

NAV point	COORD WGS84		Purpose
	LAT	LONG	
1	2		3
AFOLT	N 47 14 11.2	E 008 27 38.2	SID LSZH
BREGO	N 47 23 22.8	E 008 20 46.5	SID LSZH
ENUSO	N 47 35 47.1	E 008 27 09.2	IAC / RNAV Transition LSZH
ERMUS	N 47 13 56	E 008 14 41	STAR LSZH
KOLUL	N 47 28 02.0	E 008 49 22.0	SID LSZH
LAMAX	N 47 37 14	E 008 54 14	STAR LSZH
MILNI	N 47 17 47.0	E 008 39 33.0	IAC / RNAV Transition LSZH
MOMOL	N 47 27 42	E 008 40 16	SID LSZH
NOLKA	N 47 08 53	E 008 07 34	STAR LSZH
OSNEM	N 47 34 46.9	E 008 24 08.7	IAC / RNAV Transition LSZH
RAMEM	N 47 26 19.7	E 008 49 00.5	IAC / RNAV Transition LSZH
TADOB	N 47 10 59	E 008 05 23	STAR LSZH
UTIXO	N 47 15 58.0	E 008 40 46.8	IAC
ZH371	N 47 51 52.2	E 008 35 21.0	RNAV Transition
ZH372	N 47 28 05.8	E 008 11 46.4	RNAV Transition
ZH373	N 47 49 25.5	E 008 37 42.1	RNAV Transition
ZH375	N 47 38 10.1	E 008 48 32.5	RNAV Transition
ZH382	N 47 46 40.0	E 008 43 55.0	RNAV Transition
ZH403	N 47 34 43.1	E 008 36 18.7	RNAV Transition
ZH404	N 47 30 27.0	E 008 18 00.5	RNAV Transition
ZH405	N 47 38.01.3	E 008 31 47.9	RNAV Transition
ZH406	N 47 33 31.1	E 008 13.47.0	RNAV Transition
ZH407	N 47 41 41.2	E 008 26 46.3	RNAV Transition
ZH408	N 47 37 10.3	E 008 08 44.6	RNAV Transition
ZH409	N 47 45 20.9	E 008 21 44.0	RNAV Transition
ZH410	N 47 41 15.3	E 008 15 12.9	RNAV Transition
ZH411	N 47 37 51.0	E 008 40 04.0	IAC LSZH
ZH412	N 47 35 43.1	E 008 14 01.3	IAC LSZH
ZH413	N 47 37 37.5	E 008 20 15.1	IAC LSZH
ZH414	N 47 37 42.7	E 008 20 07.5	RNAV Transition
ZH415	N 47 25 02.9	E 008 37 28.1	IAC LSZH
ZH416	N 47 29 00.6	E 008 42 45.0	IAC LSZH
ZH417	N 47 33 23.7	E 008 44 34.4	IAC LSZH
ZH424	N 47 31 21.2	E 008 20 26.0	RNAV Transition
ZH425	N 47 36 22.8	E 008 36 32.1	RNAV Transition
ZH426	N 47 36 58.6	E 008 16 32.2	RNAV Transition

NAV point	COORD WGS84		Purpose
	LAT	LONG	
1	2		3
ZH427	N 47 42 04.2	E 008 32 36.4	RNAV Transition
ZH428	N 47 40 41.0	E 008 13 57.1	RNAV Transition
ZH429	N 47 45 46.9	E 008 30 02.2	RNAV Transition
ZH430	N 47 43 14.2	E 008 21 59.2	RNAV Transition
ZH434	N 47 39 24.3	E 008 24 38.8	RNAV Transition
ZH445	N 47 34 14.9	E 008 09 14.6	RNAV Transition
ZH446	N 47 51 52.0	E 008 32 17.6	RNAV Transition
ZH447	N 47 26 56.8	E 008 16 29.7	RNAV Transition
ZH448	N 47 48 18.2	E 008 33 24.5	RNAV Transition
ZH449	N 47 21 12.4	E 008 22 10.1	RNAV Transition
ZH450	N 47 44 30.5	E 008 34 35.6	RNAV Transition
ZH451	N 47 20 29.2	E 008 32 24.4	RNAV Transition
ZH452	N 47 40 41.7	E 008 35 46.9	RNAV Transition
ZH453	N 47 19 57.8	E 008 39 43.1	RNAV Transition
ZH454	N 47 33 20.3	E 008 49 14.2	RNAV Transition
ZH455	N 47 19 26.0	E 008 47 01.6	RNAV Transition
ZH456	N 47 32 48.0	E 008 56 34.5	RNAV Transition
ZH457	N 47 18 53.6	E 008 54 20.0	RNAV Transition
ZH458	N 47 32 15.3	E 009 03 54.7	RNAV Transition
ZH459	N 47 18 20.9	E 009 01 38.2	RNAV Transition
ZH460	N 47 25 18.2	E 009 02 46.3	RNAV Transition
ZH464	N 47 25 53.5	E 008 54 56.3	RNAV Transition
ZH465	N 47 27 55.1	E 008 26 50.2	IAC LSZH
ZH466	N 47 20 20.6	E 008 23 38.0	IAC LSZH
ZH467	N 47 15 04.1	E 008 07 33.2	IAC LSZH
ZH468	N 47 18 35.5	E 007 57 36.0	IAC LSZH
ZH474	N 47 51 55.2	E 008 29 54.1	RNAV Transition
ZH476	N 47 49 08.3	E 008 29 21.4	RNAV Transition
ZH478	N 47 43 28.5	E 008 33 15.6	RNAV Transition
ZH479	N 47 37 31.8	E 008 14 30.5	RNAV Transition
ZH480	N 47 38 02.4	E 008 37 00.8	RNAV Transition
ZH481	N 47 32 06.5	E 008 18 17.1	RNAV Transition
ZH482	N 47 32 36.2	E 008 40 45.2	RNAV Transition
ZH483	N 47 26 40.9	E 008 22 03.0	RNAV Transition
ZH484	N 47 27 09.9	E 008 44 28.8	RNAV Transition
ZH485	N 47 21 15.2	E 008 25 48.1	RNAV Transition
ZH486	N 47 21 43.5	E 008 48 11.7	RNAV Transition
ZH487	N 47 15 49.4	E 008 29 32.4	RNAV Transition

NAV point	COORD WGS84		Purpose
	LAT	LONG	
1	2		3
ZH488	N 47 16 17.1	E 008 51 53.7	RNAV Transition
ZH489	N 47 10 23.4	E 008 33 16.1	RNAV Transition
ZH490	N 47 13 20.6	E 008 42 34.4	RNAV Transition
ZH495	N 47 33 17.2	E 008 28 53.5	IAC LSZH
ZH501	N 47 27 25.7	E 008 32 44.1	RNAV SID / RNAV STAR LSZH
ZH502	N 47 27 54.8	E 008 45 58.8	RNAV SID / NON RNAV SID LSZH
ZH503	N 47 34 30.0	E 008 42 35.0	RNAV SID LSZH
ZH504	N 47 27 23.0	E 008 53 49.0	RNAV SID LSZH
ZH505	N 47 30 52.8	E 008 36 36.0	RNAV SID LSZH
ZH506	N 47 30 26.0	E 008 46 51.0	RNAV SID LSZH
ZH507	N 47 27 29.6	E 008 40 53.1	RNAV SID LSZH
ZH508	N 47 32 32.6	E 008 43 01.4	RNAV SID LSZH
ZH509	N 47 29 10.9	E 008 38 20.6	RNAV SID LSZH (RF arc centre)
ZH510	N 47 27 07.5	E 008 38 01.4	RNAV SID LSZH
ZH521	N 47 27 39.6	E 008 38 58.9	SID LSZH
ZH524	N 47 25 14.6	E 008 48 19.1	RNAV SID LSZH
ZH525	N 47 26 24.4	E 009 00 39.9	RNAV SID LSZH
ZH527	N 47 16 53.5	E 008 38 46.7	RNAV SID LSZH
ZH530	N 47 26 34.7	E 008 33 30.6	SID / RNAV SID LSZH
ZH531	N 47 28 14.2	E 008 36 24.8	SID / RNAV SID LSZH
ZH533	N 47 27 58.8	E 008 32 43.8	SID / RNAV SID LSZH
ZH540	N 47 27 44.4	E 008 29 22.5	SID / RNAV SID LSZH
ZH541	N 47 26 19.3	E 008 26 41.6	SID / RNAV SID LSZH
ZH542	N 47 26 40.5	E 008 27 42.7	SID / RNAV SID LSZH
ZH544	N 47 27 03.8	E 008 27 34.9	SID / RNAV SID LSZH
ZH545	N 47 26 31.9	E 008 29 11.4	SID LSZH
ZH546	N 47 25 56.7	E 008 26 10.3	SID / RNAV SID LSZH
ZH547	N 47 28 21.0	E 008 23 41.5	SID LSZH
ZH548	N 47 27 16.3	E 008 27 46.3	SID / RNAV SID LSZH
ZH551	N 47 18 08.0	E 008 10 00.0	NON RNAV SID LSZH
ZH552	N 47 25 44.0	E 008 23 30.0	SID / RNAV SID LSZH
ZH553	N 47 24 46.4	E 008 27 21.4	SID LSZH
ZH554	N 47 21 18.3	E 008 14 55.5	RNAV SID LSZH
ZH555	N 47 20 48.8	E 008 15 40.6	NON RNAV SID LSZH
ZH556	N 47 20 18.0	E 008 23 05.0	RNAV SID LSZH
ZH557	N 47 18 47.0	E 008 24 13.0	RNAV SID LSZH
ZH558	N 47 19 05.0	E 008 08 41.0	RNAV SID LSZH

NAV point	COORD WGS84		Purpose
	LAT	LONG	
1	2		3
ZH559	N 47 31 01.5	E 008 23 04.8	RNAV SID LSZH
ZH561	N 47 15 34.3	E 008 26 36.4	RNAV SID LSZH
ZH568	N 47 27 26.6	E 008 25 37.6	RNAV SID LSZH
ZH569	N 47 31 14.0	E 008 23 40.2	RNAV SID LSZH
ZH570	N 47 31 04.8	E 008 30 20.1	RNAV SID LSZH
ZH571	N 47 33 20.6	E 008 35 21.8	SID / RNAV SID LSZH
ZH573	N 47 32 03.0	E 008 26 12.0	RNAV SID LSZH
ZH577	N 47 31 05.5	E 008 23 17.0	RNAV SID LSZH
ZH578	N 47 30 09.7	E 008 27 33.0	RNAV SID LSZH (RF arc centre)
ZH579	N 47 29 32.9	E 008 31 18.9	SID LSZH
ZH580	N 47 30 57.2	E 008 30 07.4	SID LSZH
ZH627	N 47 22 20.7	E 008 37 13.7	RNAV STAR LSZH
ZH628	N 47 16 09.1	E 008 41 28.0	RNAV STAR LSZH
ZH677	N 47 34 38.0	E 007 44 13.0	STAR / RNAV STAR LSZH
ZH703	N 47 29 06.4	E 008 56 11.4	IAC LSZH
ZH704	N 47 38 48.7	E 008 25 13.9	IAC LSZH
ZH706	N 47 38 24.8	E 008 25 19.8	IAC LSZH
ZH712	N 47 36 01.4	E 008 21 24.5	IAC LSZH

LSZH AD 2.24 AERONAUTICAL CHARTS RELATED TO AN AERODROME

Name	Page
ATC Surveillance Minimum Altitude Chart (-20°C to -7°C)	LSZH AD 2.24.13 - 1

LSZH AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

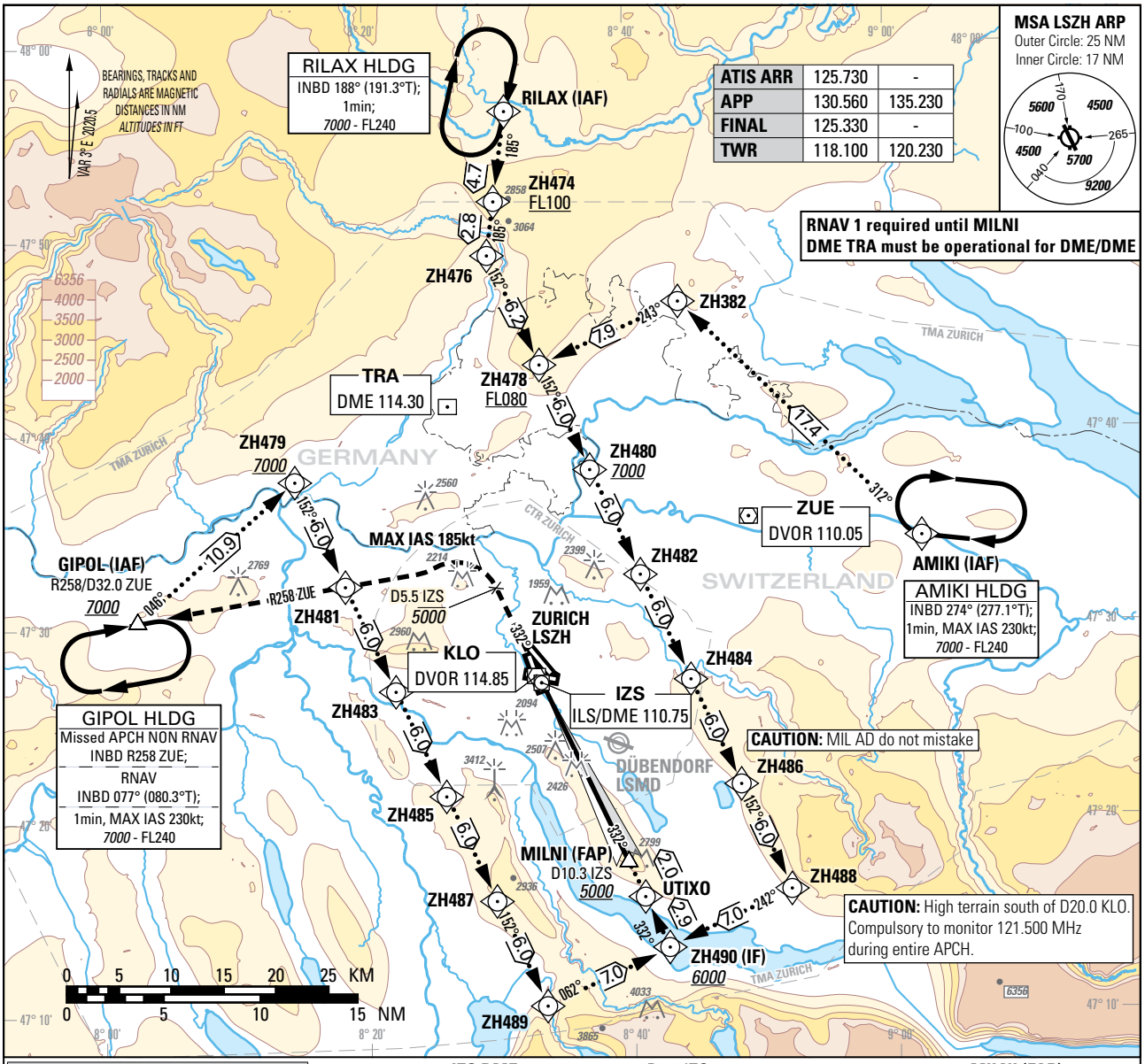
The information on visual segment surface penetration is published on the respective instrument approach chart.
See LSZH AD 2.24 for details.

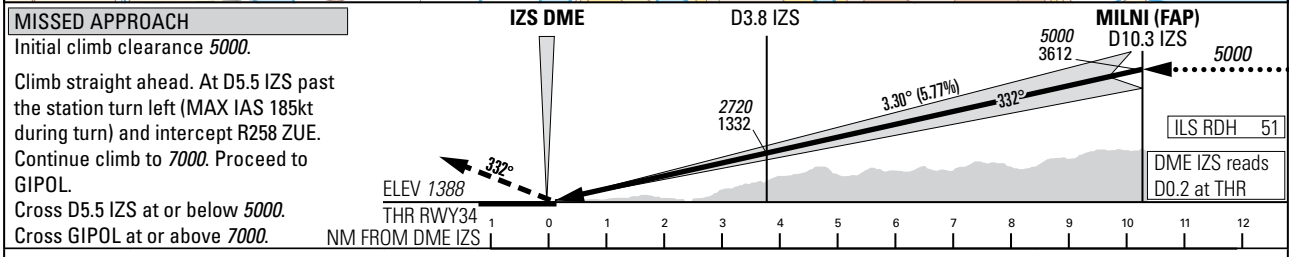
Instrument Approach Chart
(IAC) - ICAO

AD ELEV 1417ft

TRANSITION LEVEL	by ATC
TRANSITION ALTITUDE	*7000*

ZURICH (LSZH)
ILS RWY 34





MISSED APPROACH

Initial climb clearance *5000*.

Climb straight ahead. At D5.5 IZS past the station turn left (MAX IAS 185kt during turn) and intercept R258 ZUE. Continue climb to *7000*. Proceed to GIPOL.
Cross D5.5 IZS at or below *5000*.
Cross GIPOL at or above *7000*.

Missed APCH climb gradient requirement		STRAIGHT-IN APPROACH				
		A	B	C	D	D_L
		OBSTACLE CLEARANCE ALTITUDE (HEIGHT)				
2.5%	pressure altimeter	*1592* (204)	*1602* (214)	*1615* (227)	*1625* (237)	
2.8% to *2200*		*1543* (155)	*1552* (164)	*1560* (172)	*1571* (183)	*1572* (184)
		DECISION ALTITUDE (HEIGHT)				
2.8% to *2200*	pressure altimeter	*1588* (200)				

IZS DME	2	3	4	5	6	7	8	9	10
RECOMMENDED CROSSING ALTITUDE (HEIGHT)	*2090* (700)	*2440* (1050)	*2790* (1400)	*3140* (1750)	*3490* (2100)	*3840* (2450)	*4190* (2800)	*4540* (3150)	*4890* (3500)

ROD	GS kt	90	110	130	150
	FT/MIN	526	642	759	876

NOTE

Level assignments will be issued by ATC.

COR: ZH492 renamed to UTIXO (WEF 19FEB2026)

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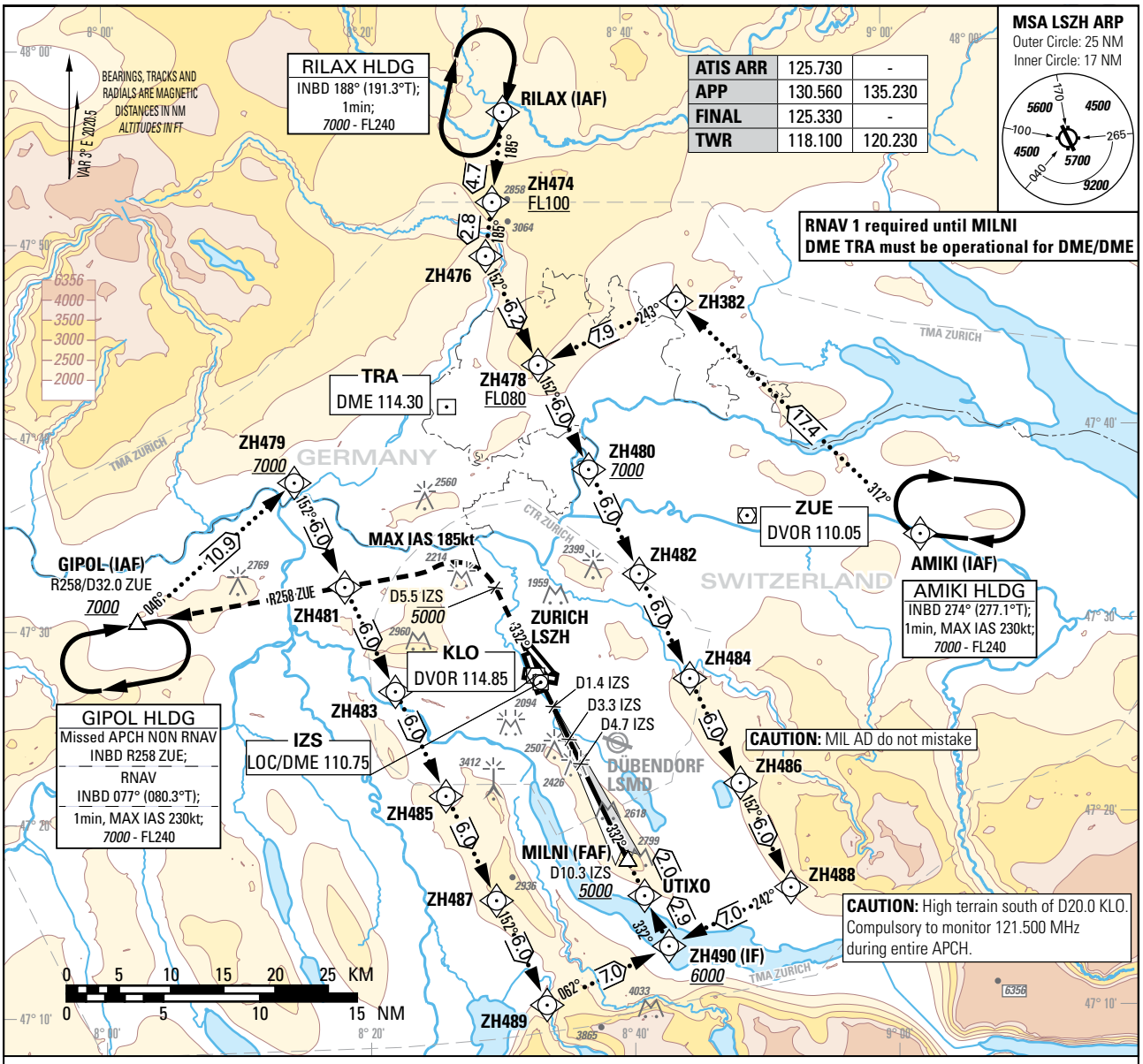
Instrument Approach Chart
(IAC) - ICAO

AD ELEV 1417ft

TRANSITION LEVEL	by ATC
TRANSITION ALTITUDE	*7000*

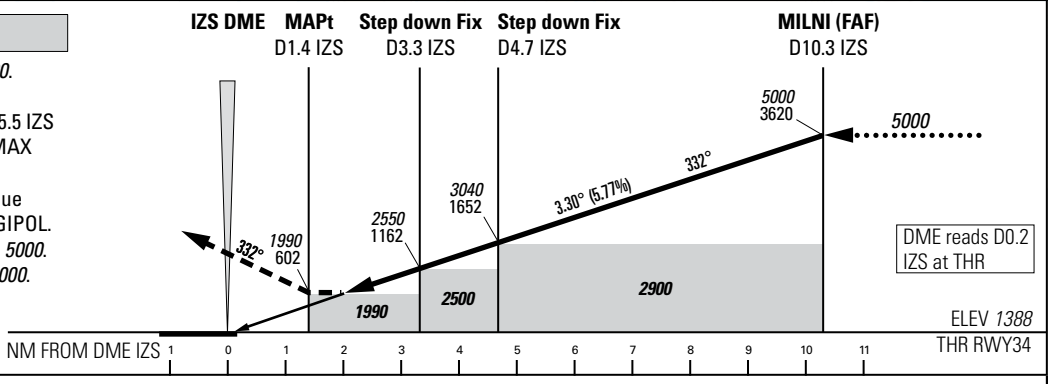
ZURICH (LSZH)
LOC RWY 34



MISSED APPROACH

Initial climb clearance *5000*.

Climb straight ahead. At D5.5 IZS past the station turn left (MAX IAS 185kt during turn) and intercept R258 ZUE. Continue climb to *7000*. Proceed to GIPOL. Cross D5.5 IZS at or below *5000*. Cross GIPOL at or above *7000*.



OBSTACLE CLEARANCE ALTITUDE (HEIGHT)	A	B	C	D
STRAIGHT-IN APPROACH	*1990* (602)			

ROD	GS kt	90	110	130	150
	FT/MIN	526	642	759	876

IZS DME	2	3	4	5	6	7	8	9	10
RECOMMENDED CROSSING ALTITUDE (HEIGHT)	*2090* (702)	*2440* (1052)	*2790* (1402)	*3140* (1752)	*3490* (2102)	*3840* (2452)	*4190* (2802)	*4540* (3152)	*4890* (3502)

NOTE
Level assignments will be issued by ATC.

COR: completely revised (WEF 19FEB2026)

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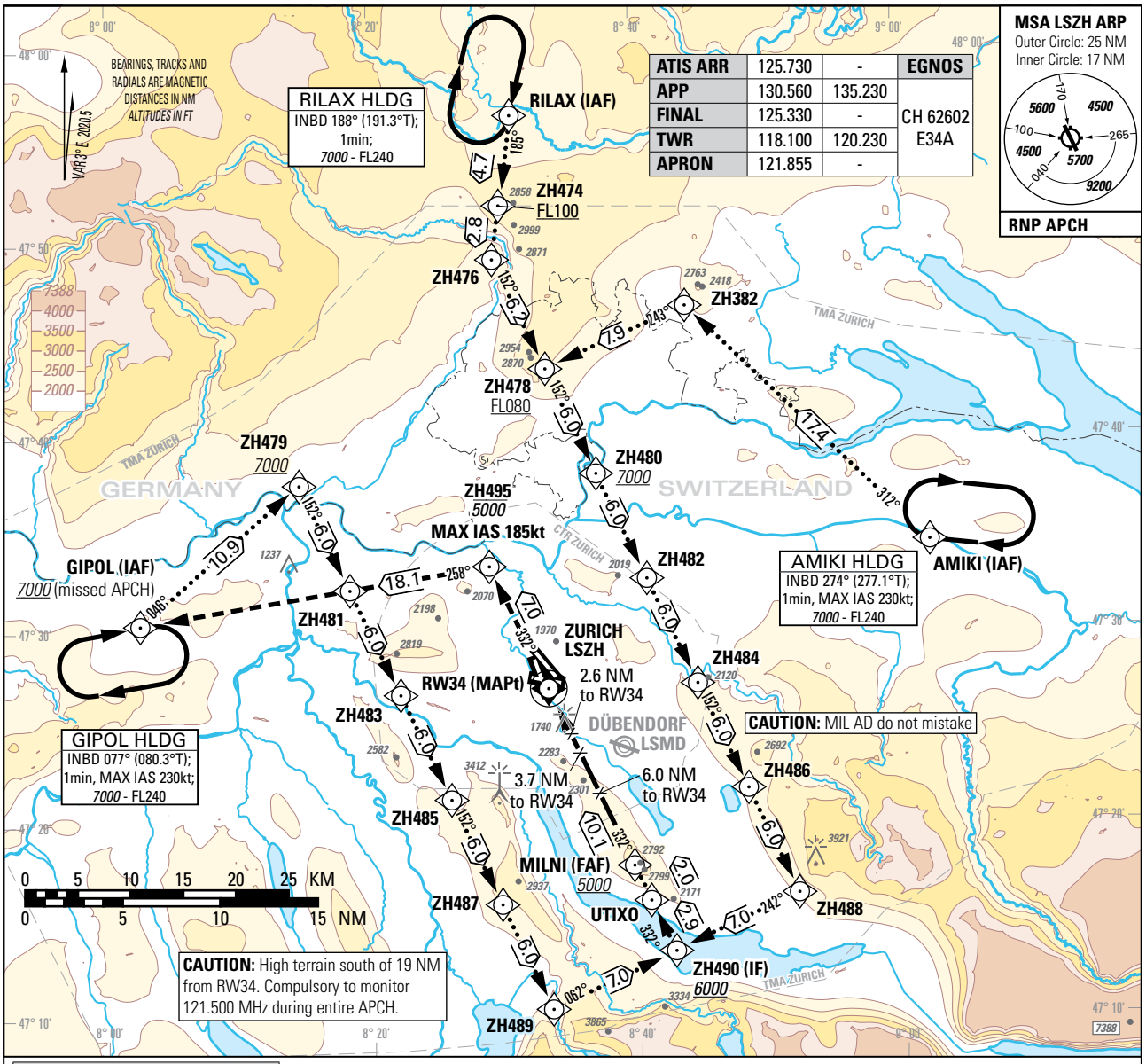
Instrument Approach Chart
(IAC) - ICAO

AD ELEV 1417ft

TRANSITION LEVEL	by ATC
TRANSITION ALTITUDE	*7000*

ZURICH (LSZH)
RNP RWY 34

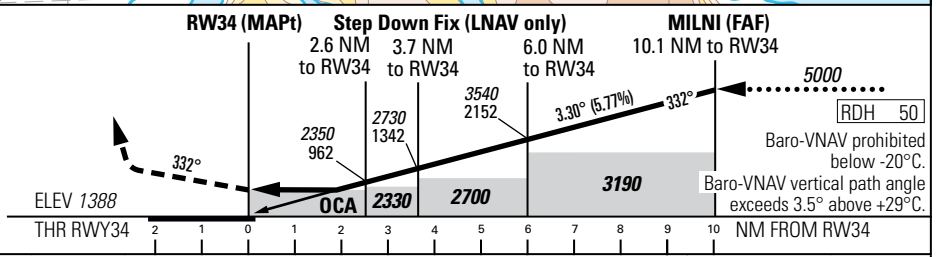


ATIS ARR	125.730	-	EGNOS
APP	130.560	135.230	CH 62602 E34A
FINAL	125.330	-	
TWR	118.100	120.230	
APRON	121.855	-	

MISSED APPROACH

Initial climb clearance *5000*.

Climb straight ahead to ZH495.
Proceed to GIPOL.
Continue climb to *7000*.
MAX IAS 185kt to ZH495.
Cross ZH495 at or below *5000*.
Cross GIPOL at or above *7000*.



Missed APCH climb gradient requirement		STRAIGHT-IN APPROACH OBSTACLE CLEARANCE ALTITUDE (HEIGHT)				
		A	B	C	D	D_L
	LNAV	*1990* (610)				
	LNAV/VNAV	*1789* (401)	*1799* (411)	*1812* (424)	*1821* (433)	
2.7% to *2100*	LPV CAT I	*1542* (154)	*1552* (164)	*1561* (173)	*1574* (186)	*1580* (192)
2.5%	LPV CAT I	*1588* (200)	*1598* (210)	*1609* (221)	*1619* (231)	
		DECISION ALTITUDE (HEIGHT)				
2.7% to *2100*	LPV CAT I	*1588* (200)				

ROD	GS kt	90	110	130	150
	FT/MIN	526	642	759	876

CAUTION

LNAV only: VSS penetrated by buildings up to *1530ft* AMSL on the right-hand side of the final approach shortly before THR34.

NOTE

Level assignments will be issued by ATC.

DIST RW34	2	3	4	5	6	7	8	9	10	11	12	13
recommended CROSSING ALT	*2140*	*2490*	*2840*	*3190*	*3540*	*3900*	*4250*	*4600*	*4950*	*5300*	*5650*	*6000*
recommended CROSSING HGT	760	1110	1460	1810	2160	2510	2860	3210	3560	3910	4260	4610

COR: ZH492 renamed to UTIXO, editorial (WEF 19FEB2026)

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LSZH
Runway	34
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E34A
LTP/FTP Latitude	472657.3930N
LTP/FTP Longitude	0083314.9145E
LTP/FTP Ellipsoidal Height (metres)	470.2
FPAP Latitude	472835.6520N
Delta FPAP Latitude (seconds)	98.2590
FPAP Longitude	0083207.2645E
Delta FPAP Longitude (seconds)	-67.6500
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.30
Course Width (metres)	105.00
Length Offset (metres)	104
HAL (metres)	40.0
VAL (metres)	35.0

Output data

Data Block	10 08 1A 13 0C 22 00 00 01 34 33 05 E2 EE 5C 14 45 C9 AB 03 5E 26 A6 FF 02 7C EF FD F4 01 4A 01 64 0D C8 AF 08 C8 EF 22
Calculated CRC Value	08C8EF22

Required Additional Data

ICAO Code	LS
LTP/FTP Orthometric Height (metres)	423.0