

STANDARD DEPARTURE CHART-  
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE  
5000 FT

RNAV 1  
GNSS REQUIRED

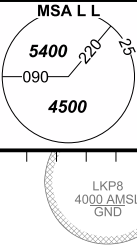
BEARINGS, TRACKS AND RADIALS ARE  
ALTITUDES AND ELAVATIONS ARE IN  
DISTANCES AR IN

MAGNETIC  
FEET  
NM

SID segments outside  
TMA KARLOVY VARY  
cross through airspace  
"Class E" below FL 95

AFTER DEPARTURE CONTACT  
PRAHA RADAR 118,650  
WHEN INSTRUCTED BY TOWER

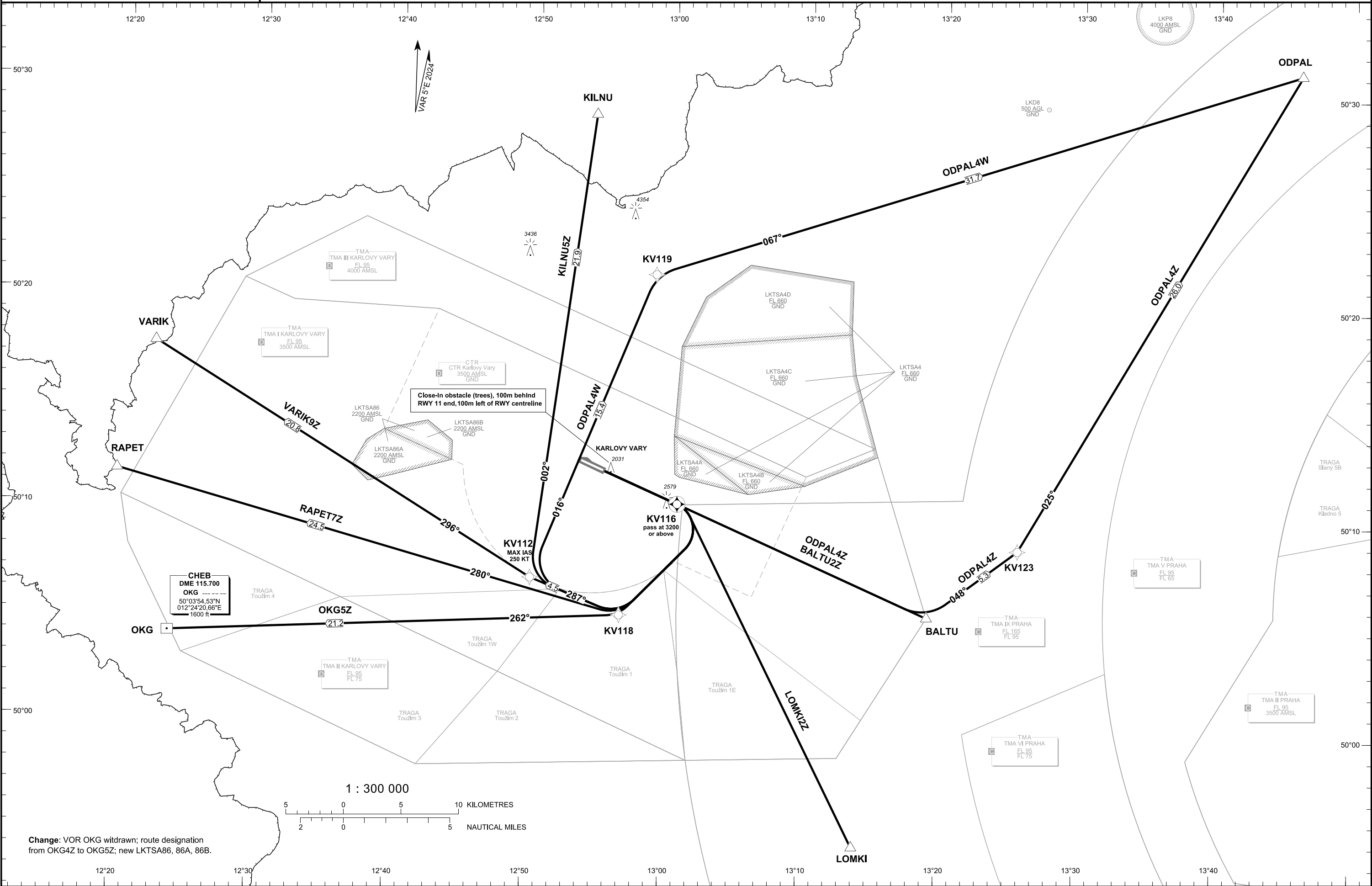
PRAHA RADAR 118,650  
VARY TOWER 121,230  
KARLOVY VARY ATIS 127,640  
EMERGENCY FREQ 121,500



KARLOVY VARY (LKKV)

RNAV RWY 11

BALTU2Z ODPAL4Z LOMKI2Z OKG5Z  
RAPET7Z VARIK9Z KILNU5Z ODPAL4W



Change: VOR OKG withdrawn; route designation  
from OKG4Z to OKG5Z; new LK TSA86, 86A, 86B.

The design of SIDs assumes climb gradient 3,3%, MAX IAS 250 kt below FL100. If a greater climb gradient or a speed reduction are required, it is indicated in the description of the route. Recommended coding:

Designator		Route				After Departure				Remarks	
						Initial climb to		Expect FREQ			
Path Terminator	Waypoint				Cours / Track MAG° (True°)	DIST NM	Turn Direction	Constraints		Nav Spec.	Remarks
	ID	Flyover	Coordinates					Level	Speed		
BALTU2Z (BALTU TWO ZULU DEPARTURE)		Climb direct to KV116 – BALTU				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35E		---	---	---	A3200+	---	RNAV 1	---
DF	BALTU	NO	500522.06N 0131935.48E		---	---	---	---	---	RNAV 1	---
ODPAL4Z (ODPAL FOUR ZULU DEPARTURE)		Climb direct to KV116 – BALTU – KV123 – ODPAL				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35E		---	---	---	A3200+	---	RNAV 1	---
DF	BALTU	NO	500522.06N 0131935.48E		---	---	---	---	---	RNAV 1	---
TF	KV123	NO	500833.88N 0132607.96E		048 (052.72)	5.3	LEFT	---	---	RNAV 1	---
TF	ODPAL	NO	503101.67N 0134627.80E		025 (029.95)	26.0	LEFT	---	---	RNAV 1	---
LOMKI2Z (LOMKI TWO ZULU DEPARTURE)		Climb direct to KV116 - LOMKI				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35E		---	---	---	A3200+	---	RNAV 1	---
DF	LOMKI	NO	495433.61N 0131428.40E		---	---	RIGHT	---	---	RNAV 1	---
OKG5Z (OKG FIVE ZULU DEPARTURE)		Climb direct to KV116 - KV118 - OKG				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35E		---	---	---	A3200+	---	RNAV 1	---
DF	KV118	NO	500511.68N 0125711.32E		---	---	RIGHT	---	---	RNAV 1	---
TF	OKG	NO	500354.53N 0122420.66E		262 (266.73)	21.2	RIGHT	---	---	RNAV 1	---
RAPET7Z (RAPET SEVEN ZULU DEPARTURE)		Climb direct to KV116 - KV118 - RAPET				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35 E		---	---	---	A3200+	---	RNAV 1	---
DF	KV118	NO	500511.68N 0125711.32 E		---	---	RIGHT	---	---	RNAV 1	---
TF	RAPET	NO	501125.7600N 0122019.1000 E		280 (284.97)	24.5	RIGHT	---	---	RNAV 1	---
VARIK9Z (VARIK NINE ZULU DEPARTURE)		Climb direct to KV116 - KV118 - KV112 - VARIK				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35 E		---	---	---	A3200+	---	RNAV 1	---
DF	KV118	NO	500511.68N 0125711.32 E		---	---	RIGHT	---	---	RNAV 1	---
TF	KV112	NO	500651.26N 0125038.07 E		287 (291.53)	4.5	RIGHT	---	---	RNAV 1	---
TF	VARIK	NO	501728.0000N 0122252.0000 E		296 (300.94)	20.8	RIGHT	---	---	RNAV 1	---
KILNU5Z (KILNU FIVE ZULU DEPARTURE)		Climb direct to KV116 - KV118 - KV112 - KILNU				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 3,3 %.	
DF	KV116	YES	501026.78N 0130114.35 E		---	---	---	A3200+	---	RNAV 1	---
DF	KV118	NO	500511.68N 0125711.32 E		---	---	RIGHT	---	---	RNAV 1	---
TF	KV112	NO	500651.26N 0125038.07 E		287 (291.53)	4.5	RIGHT	---	K250-	RNAV 1	---
TF	KILNU	NO	502836.6800N 0125441.9700E		002 (006.80)	21.9	RIGHT	---	---	RNAV 1	---
ODPAL4W (ODPAL FOUR WHISKY DEPARTURE)		Climb direct to KV116 - KV118 - KV112 - KV119 - ODPAL				According to ATC clearance		PRAHA RADAR 118,650 MHz (when instructed)		Average climb gradient to reach KV116 at 3200 ft MSL is 5,3 %, thereafter 4,2 %.to reach KV119 at FL100.  The SID is designed to avoid Class E airspace outside the Karlovy Vary TMA below FL95.	
DF	KV116	YES	501026.78N 0130114.35E		---	---	---	A3200+	---	RNAV 1	---
DF	KV118	NO	500511.68N 0125711.32E		---	---	RIGHT	---	---	RNAV 1	---
TF	KV112	NO	500651.26N 0125038.07E		287 (291.53)	4.5	RIGHT	---	K250-	RNAV 1	---
TF	KV119	NO	502110.33N 0125920,67E		016 (021.26)	15.4	RIGHT	---	---	RNAV 1	---
TF	ODPAL	NO	503101.67N 0134627.80E		067 (071,56)	31.7	RIGHT	---	---	RNAV 1	---