

**RNAV 1 (GNSS)  
STANDARD DEPARTURE CHART  
INSTRUMENT (SID) - ICAO**

**Katowice - Pyrzowice  
RWY 09**

**BAREX 2L**

**PDG 7% REQUIRED UP TO FL100**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT839	-	355 (000.4)	5.19	-	+6000 ft	-270	RNAV 1
003	TF	KT843	-	006 (010.9)	6.16	-	-	-270	RNAV 1
004	TF	KT846	-	294 (299.0)	12.85	-	+FL110	-	RNAV 1
005	TF	BAREX	-	301 (305.9)	13.19	-	-	-	RNAV 1

**NAVUR 2L**

**PDG 7% REQUIRED UP TO FL100**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT839	-	355 (000.4)	5.19	-	+6000 ft	-270	RNAV 1
003	TF	KT843	-	006 (010.9)	6.16	-	-	-270	RNAV 1
004	TF	LOBMU	-	056 (061.4)	13.63	-	+FL100	-	RNAV 1
005	TF	NAVUR	-	031 (036.3)	18.08	-	-	-	RNAV 1

**KURON 2L**

**PDG 7% REQUIRED UP TO FL100**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT848	-	086 (091.1)	16.46	-	+FL100	-	RNAV 1
003	TF	INPIV	-	086 (091.0)	12.78	-	-	-	RNAV 1
004	TF	KURON	-	016 (021.4)	10.73	-	-	-	RNAV 1

**LUXAR 2L**

**PDG 7% REQUIRED UP TO FL100**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT848	-	086 (091.1)	16.46	-	+FL100	-	RNAV 1
003	TF	INPIV	-	086 (091.0)	12.78	-	-	-	RNAV 1
004	TF	KT851	-	135 (140.1)	8.64	-	-	-	RNAV 1
005	TF	OVBIX	-	132 (136.6)	26.45	-	-	-	RNAV 1
006	TF	LUXAR	-	102 (107.2)	20.92	-	-	-	RNAV 1

**LENOV 2L**

PDG 7% REQUIRED UP TO FL100

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT848	-	086 (091.1)	16.46	-	+FL100	-	RNAV 1
003	TF	INPIV	-	086 (091.0)	12.78	-	-	-	RNAV 1
004	TF	KT851	-	135 (140.1)	8.64	-	-	-	RNAV 1
005	TF	OVBIX	-	132 (136.6)	26.45	-	-	-	RNAV 1
006	TF	XELRA	-	157 (161.7)	32.50	-	-	-	RNAV 1
007	TF	LENOV	-	157 (162.3)	11.57	-	-	-	RNAV 1

**BABKO 2L**

PDG 7% REQUIRED UP TO FL100

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT838	-	175 (180.4)	5.41	-	+6000 ft	-	RNAV 1
003	TF	ELVEP	-	217 (222.2)	6.92	-	-	-	RNAV 1
004	TF	KT866	-	158 (162.5)	12.29	-	+FL100	-	RNAV 1
005	TF	KT867	-	155 (159.8)	12.49	-	-	-	RNAV 1
006	TF	KT868	-	155 (159.9)	4.87	-	-	-	RNAV 1
007	TF	BABKO	-	165 (170.4)	13.50	-	-	-	RNAV 1

**TUSIN 2L**

PDG 7% REQUIRED UP TO FL100

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT838	-	175 (180.4)	5.41	-	+6000 ft	-	RNAV 1
003	TF	ELVEP	-	217 (222.2)	6.92	-	-	-	RNAV 1
004	TF	KT862	-	231 (235.6)	13.20	-	+FL100	-	RNAV 1
005	TF	KT864	-	206 (211.1)	8.49	-	-	-	RNAV 1
006	TF	TUSIN	-	206 (211.0)	14.49	-	-	-	RNAV 1

**BAVOK 2L**

PDG 7% REQUIRED UP TO FL100

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT838	-	175 (180.4)	5.41	-	+6000 ft	-	RNAV 1
003	TF	ELVEP	-	217 (222.2)	6.92	-	-	-	RNAV 1
004	TF	KT862	-	231 (235.6)	13.20	-	+FL100	-	RNAV 1
005	TF	KT863	-	235 (239.8)	8.27	-	-	-	RNAV 1
006	TF	KT869	-	235 (239.6)	6.97	-	-	-	RNAV 1
007	TF	BAVOK	-	254 (258.8)	13.54	-	-	-	RNAV 1

**EMBIK 2L**

PDG 7% REQUIRED UP TO FL130

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT838	-	175 (180.4)	5.41	-	+6000 ft	-	RNAV 1
003	TF	ELVEP	-	217 (222.2)	6.92	-	-	-	RNAV 1
004	TF	INSAB	-	262 (267.2)	11.86	-	+FL130	-	RNAV 1
005	TF	NOVGA	-	271 (275.9)	15.14	-	-	-	RNAV 1
006	TF	EMBIK	-	240 (245.2)	15.23	-	-	-	RNAV 1

**NUMBA 2L**

PDG 7% REQUIRED UP TO FL130

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT838	-	175 (180.4)	5.41	-	+6000 ft	-	RNAV 1
003	TF	ELVEP	-	217 (222.2)	6.92	-	-	-	RNAV 1
004	TF	INSAB	-	262 (267.2)	11.86	-	+FL130	-	RNAV 1
005	TF	NOVGA	-	271 (275.9)	15.14	-	-	-	RNAV 1
006	TF	NUMBA	-	280 (285.1)	14.05	-	-	-	RNAV 1

**SUDOL 2L**

PDG 7% REQUIRED UP TO FL100

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT837	-	085 (090.2)	7.01	-	+4000 ft	-230	RNAV 1
002	TF	KT839	-	355 (000.4)	5.19	-	+6000 ft	-270	RNAV 1
003	TF	KT843	-	006 (010.9)	6.16	-	-	-270	RNAV 1
004	TF	KT844	-	264 (269.4)	7.63	-	+FL100	-	RNAV 1
005	TF	KT861	-	264 (269.3)	18.01	-	-	-	RNAV 1
006	TF	SUDOL	-	264 (268.9)	8.83	-	-	-	RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
	DER09 (THR27)	50°28'33.5"N
BABKO	49°36'42.0"N	019°28'10.0"E
BAREX	50°53'40.0"N	018°44'18.0"E
BAVOK	50°00'10.0"N	018°11'43.0"E
ELVEP	50°17'59.5"N	019°09'40.6"E
EMBIK	50°12'29.0"N	018°06'11.0"E
INSAB	50°17'22.8"N	018°51'12.0"E
INPIV	50°27'55.1"N	020°02'44.1"E
KT837	50°28'31.4"N	019°16'58.7"E
KT839	50°33'42.7"N	019°17'01.8"E
KT843	50°39'45.3"N	019°18'52.1"E
KT844	50°39'40.1"N	019°06'52.8"E
KT846	50°45'57.5"N	019°01'09.7"E
KT848	50°28'10.0"N	019°42'44.6"E
KT851	50°21'17.7"N	020°11'23.9"E
KT838	50°23'07.3"N	019°16'55.6"E
KT861	50°39'22.9"N	018°38'34.3"E
KT862	50°10'31.6"N	018°52'43.3"E
KT863	50°06'21.5"N	018°41'37.9"E
KT864	50°03'15.9"N	018°45'54.8"E
KT866	50°06'17.0"N	019°15'24.9"E
KT867	49°54'34.2"N	019°22'05.8"E
KT868	49°49'59.9"N	019°24'41.2"E
KT869	50°02'49.7"N	018°32'18.1"E
KURON	50°37'54.0"N	020°08'53.0"E
LENOV	49°20'11.0"N	021°00'37.0"E
LOBMU	50°46'15.1"N	019°37'42.4"E
LUXAR	49°55'48.0"N	021°10'31.0"E
NAVUR	51°00'47.0"N	019°54'40.0"E
NOVGA	50°18'54.4"N	018°27'42.1"E
NUMBA	50°22'32.0"N	018°06'31.0"E
OVBIK	50°02'02.6"N	020°39'34.9"E
SUDOL	50°39'12.0"N	018°24'42.0"E
TUSIN	49°50'51.0"N	018°34'22.0"E
XELRA	49°31'11.6"N	020°55'13.5"E

