

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

**Katowice - Pyrzowice  
RWY 27**

**BAREX 2M**

**PDG 7% REQUIRED UP TO KT648**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT647	-	311 (315.6)	6.65	-	+6500 ft	-	RNAV 1
003	TF	KT648	-	335 (340.4)	6.46	-	+FL90	-	RNAV 1
004	TF	KT649	-	343 (347.8)	4.66	-	+FL100	-	RNAV 1
005	TF	BAREX	-	010 (014.9)	10.07	-	-	-	RNAV 1

**NAVUR 2M**

**PDG 7% REQUIRED UP TO A6000 ft**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT653	-	018 (023.3)	11.10	-	+6500 ft	-	RNAV 1
003	TF	LOBMU	-	068 (072.6)	25.49	-	+FL110	-	RNAV 1
004	TF	NAVUR	-	031 (036.3)	18.08	-	-	-	RNAV 1

**KURON 2M**

**PDG 7% REQUIRED UP TO A6000 ft**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT653	-	018 (023.3)	11.10	-	+6500 ft	-	RNAV 1
003	TF	LOBMU	-	068 (072.6)	25.49	-	+FL110	-	RNAV 1
004	TF	KURON	-	108 (112.7)	21.51	-	-	-	RNAV 1

**LUXAR 2M**

**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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT662	-	176 (180.6)	8.07	-	+6500 ft	-	RNAV 1
003	TF	KT664	-	115 (120.4)	10.13	-	+FL100	-	RNAV 1
004	TF	KT668	-	114 (119.5)	4.21	-	-	-	RNAV 1
005	TF	KT671	-	117 (122.2)	17.59	-	-	-	RNAV 1
006	TF	PIKEB	-	130 (135.3)	21.05	-	-	-	RNAV 1
007	TF	ASGID	-	077 (082.4)	23.22	-	-	-	RNAV 1
008	TF	LUXAR	-	076 (080.6)	24.43	-	-	-	RNAV 1

**LENOV 2M**

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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT662	-	176 (180.6)	8.07	-	+6500 ft	-	RNAV 1
003	TF	KT664	-	115 (120.4)	10.13	-	+FL100	-	RNAV 1
004	TF	KT668	-	114 (119.5)	4.21	-	-	-	RNAV 1
005	TF	KT671	-	117 (122.2)	17.59	-	-	-	RNAV 1
006	TF	PIKEB	-	130 (135.3)	21.05	-	-	-	RNAV 1
007	TF	LENOV	-	120 (124.7)	50.07	-	-	-	RNAV 1

**BABKO 2M**

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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT662	-	176 (180.6)	8.07	-	+6500 ft	-	RNAV 1
003	TF	KT664	-	115 (120.4)	10.13	-	+FL100	-	RNAV 1
004	TF	KT668	-	114 (119.5)	4.21	-	-	-	RNAV 1
005	TF	KT669	-	149 (154.3)	16.44	-	-	-	RNAV 1
006	TF	BABKO	-	166 (170.8)	22.10	-	-	-	RNAV 1

**TUSIN 2M**

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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT662	-	176 (180.6)	8.07	-	+6500 ft	-	RNAV 1
003	TF	KT664	-	115 (120.4)	10.13	-	+FL100	-	RNAV 1
004	TF	KT667	-	221 (225.8)	17.73	-	-	-	RNAV 1
005	TF	TUSIN	-	207 (212.4)	14.39	-	-	-	RNAV 1

**BAVOK 2M**

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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	OLNAG	-	249 (254.2)	15.97	-	+FL100	-	RNAV 1
003	TF	KT659	-	204 (208.8)	5.92	-	-	-	RNAV 1
004	TF	KT661	-	204 (208.8)	12.73	-	-	-	RNAV 1
005	TF	BAVOK	-	188 (193.1)	7.91	-	-	-	RNAV 1

**EMBIK 2M**

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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	OLNAG	-	249 (254.2)	15.97	-	+FL100	-	RNAV 1
003	TF	KT658	-	226 (230.8)	5.59	-	-	-	RNAV 1
004	TF	EMBIK	-	226 (230.7)	12.89	-	-	-	RNAV 1

**NUMBA 2M**

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	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	OLNAG	-	249 (254.2)	15.97	-	+FL100	-	RNAV 1
003	TF	KT657	-	258 (263.4)	6.83	-	-	-	RNAV 1
004	TF	NUMBA	-	258 (263.3)	7.32	-	-	-	RNAV 1

**SUDOL 2M**

PDG 7% REQUIRED UP TO KT648

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	NAV SPEC
001	CF	KT644	-	265 (270.2)	7.09	-	+4000 ft	-230	RNAV 1
002	TF	KT647	-	311 (315.6)	6.65	-	+6500 ft	-	RNAV 1
003	TF	KT648	-	335 (340.4)	6.46	-	+FL90	-	RNAV 1
004	TF	KT651	-	264 (269.1)	7.34	-	+FL100	-	RNAV 1
005	TF	SUDOL	-	264 (268.9)	3.52	-	-	-	RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
	DER27 (THR09)	50°28'33.8"N
ASGID	49°51'53.8"N	020°33'13.4"E
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
EMBIK	50°12'29.0"N	018°06'11.0"E
KT644	50°28'34.6"N	018°52'28.9"E
KT647	50°33'19.2"N	018°45'10.6"E
KT648	50°39'23.9"N	018°41'45.7"E
KT649	50°43'57.0"N	018°40'12.5"E
KT651	50°39'16.1"N	018°30'13.4"E
KT653	50°38'45.4"N	018°59'22.6"E
KT657	50°23'24.0"N	018°17'52.0"E
KT658	50°20'39.7"N	018°21'42.4"E
KT659	50°19'00.7"N	018°24'00.9"E
KT661	50°07'51.8"N	018°14'29.8"E
KT662	50°20'31.0"N	018°52'21.5"E
KT664	50°15'23.1"N	019°05'59.0"E
KT667	50°02'59.9"N	018°46'16.8"E
KT668	50°13'18.6"N	019°11'40.9"E
KT669	49°58'30.1"N	019°22'43.8"E
KT671	50°03'54.3"N	019°34'47.3"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
NUMBA	50°22'32.0"N	018°06'31.0"E
OLNAG	50°24'11.5"N	018°28'27.9"E
PIKEB	49°48'55.0"N	019°57'38.8"E
SUDOL	50°39'12.0"N	018°24'42.0"E
TUSIN	49°50'51.0"N	018°34'22.0"E