

**RNAV 1 (GNSS)  
STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO**

**KRAKÓW/Balice  
RWY 25**

**MAPIK 2G**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	MAPIK	-	-	-	-	RNAV 1
002	TF	KK511	100 (105.3)	11.56	-	-	RNAV 1
003	TF	ODSOB	101 (105.5)	19.68	+FL110	-	RNAV 1
004	TF	KK509	115 (119.5)	23.66	-	-	RNAV 1
005	TF	KK508	115 (119.9)	4.67	-	-	RNAV 1
006	TF	KK507	073 (077.7)	7.25	-	-	RNAV 1
007	TF	KK506	073 (077.9)	5.00	-	-	RNAV 1
008	TF	KK504	073 (077.9)	5.00	-	-	RNAV 1
009	TF	KK503	073 (078.0)	5.00	-	-220	RNAV 1
010	TF	KK502	163 (168.1)	5.30	+5000 ft	-220	RNAV 1
011	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
012	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
013	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

**BAREX 2G**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	BAREX	-	-	-	-	RNAV 1
002	TF	XONRA	159 (163.9)	9.30	-	-	RNAV 1
003	TF	ASTUD	159 (164.0)	11.42	-	-	RNAV 1
004	TF	ODSOB	148 (152.5)	11.96	+FL110	-	RNAV 1
005	TF	KK509	115 (119.5)	23.66	-	-	RNAV 1
006	TF	KK508	115 (119.9)	4.67	-	-	RNAV 1
007	TF	KK507	073 (077.7)	7.25	-	-	RNAV 1
008	TF	KK506	073 (077.9)	5.00	-	-	RNAV 1
009	TF	KK504	073 (077.9)	5.00	-	-	RNAV 1
010	TF	KK503	073 (078.0)	5.00	-	-220	RNAV 1
011	TF	KK502	163 (168.1)	5.30	+5000 ft	-220	RNAV 1
012	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
013	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
014	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

**KUKAM 2G**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	KUKAM	-	-	-	-	RNAV 1
002	TF	KK512	179 (184.4)	14.16	+6000 ft	-	RNAV 1
003	TF	KK504	167 (172.2)	21.73	-	-220	RNAV 1
004	TF	KK503	073 (078.0)	5.00	-	-220	RNAV 1
005	TF	KK502	163 (168.1)	5.30	+5000 ft	-220	RNAV 1
006	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
007	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
008	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

**GOVRI 2G**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	GOVRI	-	-	-	-	RNAV 1
002	TF	KK529	248 (252.6)	23.75	-	-	RNAV 1
003	TF	KK528	253 (258.3)	5.00	-	-	RNAV 1
004	TF	KK527	253 (258.2)	5.00	+6000 ft	-220	RNAV 1
005	TF	KK517	343 (348.1)	5.30	-	-220	RNAV 1
006	TF	KK516	073 (078.1)	5.00	-	-220	RNAV 1
007	TF	KK514	073 (078.2)	5.00	-	-220	RNAV 1
008	TF	KK513	343 (348.3)	5.30	-	-220	RNAV 1
009	TF	KK502	253 (258.3)	5.00	+5000 ft	-220	RNAV 1
010	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
011	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
012	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

**LENOV 2G**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	LENOV	-	-	-	-	RNAV 1
002	TF	ERKEB	326 (330.9)	16.31	-	-	RNAV 1
003	TF	ASGID	326 (330.7)	20.09	+FL110	-	RNAV 1
004	TF	KK529	326 (330.5)	8.46	-	-	RNAV 1
005	TF	KK528	253 (258.3)	5.00	-	-	RNAV 1
006	TF	KK527	253 (258.2)	5.00	+6000 ft	-220	RNAV 1
007	TF	KK517	343 (348.1)	5.30	-	-220	RNAV 1
008	TF	KK516	073 (078.1)	5.00	-	-220	RNAV 1
009	TF	KK514	073 (078.2)	5.00	-	-220	RNAV 1
010	TF	KK513	343 (348.3)	5.30	-	-220	RNAV 1
011	TF	KK502	253 (258.3)	5.00	+5000 ft	-220	RNAV 1
012	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
013	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
014	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

### MEBAN 2G

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	MEBAN	-	-	-	-	RNAV 1
002	TF	EMKUX	003 (008.1)	12.09	+FL130	-	RNAV 1
003	TF	UVRET	003 (008.2)	14.39	+6000 ft	-	RNAV 1
004	TF	KK532	010 (014.5)	4.05	-	-	RNAV 1
005	TF	KK518	064 (069.1)	11.16	-	-	RNAV 1
006	TF	KK517	073 (078.0)	5.00	-	-	RNAV 1
007	TF	KK516	073 (078.1)	5.00	-	-	RNAV 1
008	TF	KK514	073 (078.2)	5.00	-	-220	RNAV 1
009	TF	KK513	343 (348.3)	5.30	-	-220	RNAV 1
010	TF	KK502	253 (258.3)	5.00	+5000 ft	-220	RNAV 1
011	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
012	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
013	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

### PADKA 2G

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	PADKA	-	-	-	-	RNAV 1
002	TF	KK526	081 (086.2)	20.29	+FL120	-	RNAV 1
003	TF	KK532	085 (089.5)	37.34	-	-	RNAV 1
004	TF	KK518	064 (069.1)	11.16	-	-	RNAV 1
005	TF	KK517	073 (078.0)	5.00	-	-	RNAV 1
006	TF	KK516	073 (078.1)	5.00	-	-	RNAV 1
007	TF	KK514	073 (078.2)	5.00	-	-220	RNAV 1
008	TF	KK513	343 (348.3)	5.30	-	-220	RNAV 1
009	TF	KK502	253 (258.3)	5.00	+5000 ft	-220	RNAV 1
010	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
011	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
012	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

### NETIR 2G

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	NETIR	-	-	-	-	RNAV 1
002	TF	KK526	009 (013.5)	16.07	+FL120	-	RNAV 1
003	TF	KK532	085 (089.5)	37.34	-	-	RNAV 1
004	TF	KK518	064 (069.1)	11.16	-	-	RNAV 1
005	TF	KK517	073 (078.0)	5.00	-	-	RNAV 1
006	TF	KK516	073 (078.1)	5.00	-	-	RNAV 1
007	TF	KK514	073 (078.2)	5.00	-	-220	RNAV 1
008	TF	KK513	343 (348.3)	5.30	-	-220	RNAV 1
009	TF	KK502	253 (258.3)	5.00	+5000 ft	-220	RNAV 1
010	TF	KK501	253 (258.2)	5.00	-	-220	RNAV 1
011	TF	VAXOB	253 (258.1)	5.00	+3000 ft	-220	RNAV 1
012	TF	KK371 (FAP/FAF)	253 (258.0)	1.50	+3000 ft	-220	RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
ASGID	49°51'53.8"N	020°33'13.4"E
ASTUD	50°33'46.0"N	018°53'18.4"E
BAREX	50°53'40.0"N	018°44'18.0"E
EMKUX	49°39'15.2"N	019°41'26.0"E
ERKEB	49°34'24.3"N	020°48'25.0"E
GOVRI	50°06'25.3"N	021°01'54.0"E
KK371 (FAP/FAF)	50°06'13.2"N	019°58'19.8"E
KK501	50°07'34.2"N	020°08'13.0"E
KK502	50°08'35.9"N	020°15'49.3"E
KK503	50°13'46.8"N	020°14'07.6"E
KK504	50°12'45.0"N	020°06'30.5"E
KK506	50°11'42.7"N	019°58'53.8"E
KK507	50°10'39.8"N	019°51'17.4"E
KK508	50°09'07.8"N	019°40'16.3"E
KK509	50°11'27.4"N	019°33'58.8"E
KK511	50°28'29.8"N	018°32'18.1"E
KK512	50°34'15.7"N	020°01'54.8"E
KK513	50°09'37.1"N	020°23'25.9"E
KK514	50°04'26.1"N	020°25'06.3"E
KK516	50°03'25.0"N	020°17'30.5"E
KK517	50°02'23.4"N	020°09'55.0"E
KK518	50°01'21.2"N	020°02'19.9"E
← KK526	49°57'17.4"N	018°48'21.0"E
KK527	49°57'12.5"N	020°11'36.7"E
KK528	49°58'14.0"N	020°19'11.4"E
KK529	49°59'15.0"N	020°26'46.4"E
KUKAM	50°48'22.0"N	020°03'38.0"E
LENOV	49°20'11.0"N	021°00'37.0"E
MAPIK	50°31'34.0"N	018°14'51.0"E
MEBAN	49°27'18.0"N	019°38'48.0"E
NETIR	49°41'40.8"N	018°42'32.4"E
ODSOB	50°23'09.9"N	019°01'55.9"E
PADKA	49°56'02.0"N	018°16'59.8"E
UVRET	49°53'28.9"N	019°44'35.9"E
VAXOB	50°06'31.9"N	020°00'37.0"E
XONRA	50°44'44.3"N	018°48'21.4"E
KK532	49°57'23.6"N	019°46'10.1"E