

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

**KRAKÓW/Balice
RWY 07**

MAPIK 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | MAPIK | - | - | - | - | RNAV 1 |
| 002 | TF | ODSOB | 100 (105.3) | 31.24 | +FL110 | - | RNAV 1 |
| 003 | TF | KK708 | 115 (119.5) | 13.68 | - | - | RNAV 1 |
| 004 | TF | KK707 | 115 (119.7) | 7.06 | +FL90 | - | RNAV 1 |
| 005 | TF | KK706 | 163 (167.6) | 5.11 | - | - | RNAV 1 |
| 006 | TF | KK704 | 253 (257.6) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK703 | 253 (257.5) | 5.00 | - | -220 | RNAV 1 |
| 008 | TF | KK702 | 162 (167.4) | 5.30 | - | -220 | RNAV 1 |
| 009 | TF | KK701 | 072 (077.4) | 5.00 | +5000 ft | -220 | RNAV 1 |
| 010 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 011 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

BAREX 1H

| 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 | INPUM | 157 (162.5) | 5.96 | - | - | RNAV 1 |
| 004 | TF | ODSOB | 152 (156.6) | 17.33 | +FL110 | - | RNAV 1 |
| 005 | TF | KK708 | 115 (119.5) | 13.68 | - | - | RNAV 1 |
| 006 | TF | KK707 | 115 (119.7) | 7.06 | +FL90 | - | RNAV 1 |
| 007 | TF | KK706 | 163 (167.6) | 5.11 | - | - | RNAV 1 |
| 008 | TF | KK704 | 253 (257.6) | 5.00 | - | - | RNAV 1 |
| 009 | TF | KK703 | 253 (257.5) | 5.00 | - | -220 | RNAV 1 |
| 010 | TF | KK702 | 162 (167.4) | 5.30 | - | -220 | RNAV 1 |
| 011 | TF | KK701 | 072 (077.4) | 5.00 | +5000 ft | -220 | RNAV 1 |
| 012 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 013 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

KUKAM 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | KUKAM | - | - | - | - | RNAV 1 |
| 002 | TF | UPMAK | 237 (241.7) | 14.61 | +FL100 | - | RNAV 1 |
| 003 | TF | ULNOD | 171 (175.6) | 23.49 | - | - | RNAV 1 |
| 004 | TF | KK712 | 171 (175.6) | 7.96 | +FL90 | - | RNAV 1 |
| 005 | TF | KK706 | 253 (257.8) | 10.16 | - | - | RNAV 1 |
| 006 | TF | KK704 | 253 (257.6) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK703 | 253 (257.5) | 5.00 | - | -220 | RNAV 1 |
| 008 | TF | KK702 | 162 (167.4) | 5.30 | - | -220 | RNAV 1 |
| 009 | TF | KK701 | 072 (077.4) | 5.00 | +5000 ft | -220 | RNAV 1 |
| 010 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 011 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

GOVRI 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | GOVRI | - | - | - | - | RNAV 1 |
| 002 | TF | XENGO | 289 (294.1) | 23.93 | +FL100 | - | RNAV 1 |
| 003 | TF | KK714 | 252 (257.3) | 20.97 | - | - | RNAV 1 |
| 004 | TF | KK712 | 252 (256.9) | 5.82 | +FL90 | - | RNAV 1 |
| 005 | TF | KK706 | 253 (257.8) | 10.16 | - | - | RNAV 1 |
| 006 | TF | KK704 | 253 (257.6) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK703 | 253 (257.5) | 5.00 | - | -220 | RNAV 1 |
| 008 | TF | KK702 | 162 (167.4) | 5.30 | - | -220 | RNAV 1 |
| 009 | TF | KK701 | 072 (077.4) | 5.00 | +5000 ft | -220 | RNAV 1 |
| 010 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 011 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

LENOV 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | LENOV | - | - | - | - | RNAV 1 |
| 002 | TF | MODGU | 312 (316.9) | 33.84 | +FL120 | - | RNAV 1 |
| 003 | TF | ERPOK | 311 (316.4) | 16.92 | - | - | RNAV 1 |
| 004 | TF | KK721 | 299 (304.0) | 6.80 | +FL90 | - | RNAV 1 |
| 005 | TF | KK719 | 253 (257.9) | 10.11 | - | - | RNAV 1 |
| 006 | TF | KK718 | 253 (257.7) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK717 | 253 (257.6) | 5.00 | - | -220 | RNAV 1 |
| 008 | TF | KK701 | 343 (347.5) | 5.30 | +5000 ft | -220 | RNAV 1 |
| 009 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 010 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

MEBAN 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | MABAN | - | - | - | - | RNAV 1 |
| 002 | TF | EMKUX | 003 (008.1) | 12.09 | +FL120 | - | RNAV 1 |
| 003 | TF | KK728 | 003 (008.2) | 7.87 | - | - | RNAV 1 |
| 004 | TF | UVRET | 003 (008.2) | 6.52 | - | - | RNAV 1 |
| 005 | TF | KK719 | 343 (347.8) | 5.30 | +FL90 | - | RNAV 1 |
| 006 | TF | KK718 | 253 (257.7) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK717 | 253 (257.6) | 5.00 | - | -220 | RNAV 1 |
| 008 | TF | KK701 | 343 (347.5) | 5.30 | +5000 ft | -220 | RNAV 1 |
| 009 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 010 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

PADKA 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | PADKA | - | - | - | - | RNAV 1 |
| 002 | TF | KK727 | 088 (092.6) | 19.75 | - | - | RNAV 1 |
| 003 | TF | KK726 | 090 (095.4) | 21.23 | +FL100 | - | RNAV 1 |
| 004 | TF | KK724 | 101 (105.5) | 6.24 | - | - | RNAV 1 |
| 005 | TF | KK723 | 073 (077.6) | 5.00 | - | - | RNAV 1 |
| 006 | TF | UVRET | 073 (077.7) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK719 | 343 (347.8) | 5.30 | +FL90 | - | RNAV 1 |
| 008 | TF | KK718 | 253 (257.7) | 5.00 | - | - | RNAV 1 |
| 009 | TF | KK717 | 253 (257.6) | 5.00 | - | -220 | RNAV 1 |
| 010 | TF | KK701 | 343 (347.5) | 5.30 | +5000 ft | -220 | RNAV 1 |
| 011 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 012 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

NETIR 1H

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | NETIR | - | - | - | - | RNAV 1 |
| 002 | TF | KK727 | 009 (013.5) | 13.79 | - | - | RNAV 1 |
| 003 | TF | KK726 | 090 (095.4) | 21.23 | +FL100 | - | RNAV 1 |
| 004 | TF | KK724 | 101 (105.5) | 6.24 | - | - | RNAV 1 |
| 005 | TF | KK723 | 073 (077.6) | 5.00 | - | - | RNAV 1 |
| 006 | TF | UVRET | 073 (077.7) | 5.00 | - | - | RNAV 1 |
| 007 | TF | KK719 | 343 (347.8) | 5.30 | +FL90 | - | RNAV 1 |
| 008 | TF | KK718 | 253 (257.7) | 5.00 | - | - | RNAV 1 |
| 009 | TF | KK717 | 253 (257.6) | 5.00 | - | -220 | RNAV 1 |
| 010 | TF | KK701 | 343 (347.5) | 5.30 | +5000 ft | -220 | RNAV 1 |
| 011 | TF | IXUVI | 073 (077.5) | 5.00 | +3000 ft | -220 | RNAV 1 |
| 012 | TF | KK592 (FAF) | 073 (077.6) | 1.50 | +3000 ft | -220 | RNAV 1 |

| WAYPOINT IDENTIFIER | COORDINATES | |
|---------------------|--------------|---------------|
| | | |
| BAREX | 50°53'40.0"N | 018°44'18.0"E |
| EMKUX | 49°39'15.2"N | 019°41'26.0"E |
| ERPOK | 49°56'59.8"N | 020°06'55.1"E |
| GOVRI | 50°06'25.3"N | 021°01'54.0"E |
| INPUM | 50°39'03.7"N | 018°51'10.6"E |
| IXUVI | 50°02'45.7"N | 019°33'31.7"E |
| KK592 (FAF) | 50°03'05.0"N | 019°35'48.2"E |
| KK701 | 50°01'41.2"N | 019°25'57.3"E |
| KK702 | 50°00'36.1"N | 019°18'23.1"E |
| KK703 | 50°05'46.2"N | 019°16'35.6"E |
| KK704 | 50°06'51.3"N | 019°24'10.4"E |
| KK706 | 50°07'56.0"N | 019°31'45.7"E |
| KK707 | 50°12'55.3"N | 019°30'03.0"E |
| KK708 | 50°16'25.1"N | 019°20'29.8"E |
| KK712 | 50°10'05.7"N | 019°47'11.4"E |
| KK714 | 50°11'24.9"N | 019°56'00.0"E |
| KK717 | 49°56'31.0"N | 019°27'43.7"E |
| KK718 | 49°57'35.4"N | 019°35'17.4"E |
| KK719 | 49°58'39.3"N | 019°42'51.4"E |
| KK721 | 50°00'47.0"N | 019°58'10.7"E |
| KK723 | 49°52'25.1"N | 019°37'02.6"E |
| KK724 | 49°51'20.7"N | 019°29'29.8"E |
| KK726 | 49°53'01.0"N | 019°20'12.5"E |
| KK727 | 49°55'04.6"N | 018°47'31.5"E |
| KK728 | 49°47'01.9"N | 019°43'09.7"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 |
| MODGU | 49°44'46.5"N | 020°24'58.0"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 |
| ULNOD | 50°18'01.4"N | 019°46'14.4"E |
| UPMAK | 50°41'25.3"N | 019°43'24.5"E |
| UVRET | 49°53'28.9"N | 019°44'35.9"E |
| XENGO | 50°16'04.7"N | 020°27'50.5"E |
| XONRA | 50°44'44.3"N | 018°48'21.4"E |