

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

**WARSAW CHOPIN AIRPORT
RWY 11**

BIMPA 5N

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | BIMPA | | | -FL170 | 280 | RNAV 1 |
| 002 | TF | WA444 | 059 (064.0) | 12.4 | | 250 | RNAV 1 |
| 003 | TF | OLDIM | 071 (076.3) | 11.8 | -FL110 | 220 | RNAV 1 |
| 004 | TF | ELGAD | 092 (096.5) | 6.2 | | | RNAV 1 |
| 005 | TF | SOPAM | 109 (114.2) | 4.7 | | 220 | RNAV 1 |
| 006 | TF | RUNIN | 109 (114.3) | 4.1 | | | RNAV 1 |
| 007 | TF | MIGVI | 109 (114.4) | 4.7 | | | RNAV 1 |
| 008 | TF | REMDI | 199 (204.5) | 7.1 | | | RNAV 1 |
| 009 | TF | AGESI | 290 (294.6) | 4.7 | | 220 | RNAV 1 |
| 010 | TF | TABET | 289 (294.2) | 4.0 | | | RNAV 1 |
| 011 | TF | INLUT | 289 (294.2) | 4.0 | | 220 | RNAV 1 |
| 012 | TF | WA413 | 199 (204.3) | 5.0 | | | RNAV 1 |
| 013 | TF | WA412 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 014 | TF | WA411 | 109 (114.2) | 4.0 | | | RNAV 1 |
| 015 | TF | GOSIT | 109 (114.3) | 2.6 | | | RNAV 1 |
| 016 | TF | FAP/FAF | 109 (114.3) | 1.5 | 3000 ft | | RNAV 1 |

SORIX 5N

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | SORIX | | | -FL150 | 280 | RNAV 1 |
| 002 | TF | IRDOM | 113 (117.6) | 13.5 | | 250 | RNAV 1 |
| 003 | TF | OLDIM | 113 (117.9) | 10.1 | -FL110 | 220 | RNAV 1 |
| 004 | TF | ELGAD | 092 (096.5) | 6.2 | | | RNAV 1 |
| 005 | TF | SOPAM | 109 (114.2) | 4.7 | | 220 | RNAV 1 |
| 006 | TF | RUNIN | 109 (114.3) | 4.1 | | | RNAV 1 |
| 007 | TF | MIGVI | 109 (114.4) | 4.7 | | | RNAV 1 |
| 008 | TF | REMDI | 199 (204.5) | 7.1 | | | RNAV 1 |
| 009 | TF | AGESI | 290 (294.6) | 4.7 | | 220 | RNAV 1 |
| 010 | TF | TABET | 289 (294.2) | 4.0 | | | RNAV 1 |
| 011 | TF | INLUT | 289 (294.2) | 4.0 | | 220 | RNAV 1 |
| 012 | TF | WA413 | 199 (204.3) | 5.0 | | | RNAV 1 |
| 013 | TF | WA412 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 014 | TF | WA411 | 109 (114.2) | 4.0 | | | RNAV 1 |
| 015 | TF | GOSIT | 109 (114.3) | 2.6 | | | RNAV 1 |
| 016 | TF | FAP/FAF | 109 (114.3) | 1.5 | 3000 ft | | RNAV 1 |

**RNAV 1
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO**
**WARSAW CHOPIN AIRPORT
RWY 11**
NEPOX 4N

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | NEPOX | | | -FL210 | 280 | RNAV 1 |
| 002 | TF | INPAL | 235 (239.6) | 13.0 | | | RNAV 1 |
| 003 | TF | DETOR | 246 (250.7) | 3.1 | | 250 | RNAV 1 |
| 004 | TF | EMKEN | 246 (250.9) | 11.2 | -FL130 | 230 | RNAV 1 |
| 005 | TF | TOSLU | 290 (294.8) | 5.4 | | 220 | RNAV 1 |
| 006 | TF | XIMPU | 325 (329.8) | 8.7 | | 220 | RNAV 1 |
| 007 | TF | NIMIS | 325 (329.7) | 8.7 | | 220 | RNAV 1 |
| 008 | TF | REMDI | 290 (294.7) | 5.9 | | | RNAV 1 |
| 009 | TF | AGESI | 290 (294.6) | 4.7 | | 220 | RNAV 1 |
| 010 | TF | TABET | 289 (294.2) | 4.0 | | | RNAV 1 |
| 011 | TF | INLUT | 289 (294.2) | 4.0 | | 220 | RNAV 1 |
| 012 | TF | WA413 | 199 (204.3) | 5.0 | | | RNAV 1 |
| 013 | TF | WA412 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 014 | TF | WA411 | 109 (114.2) | 4.0 | | | RNAV 1 |
| 015 | TF | GOSIT | 109 (114.3) | 2.6 | | | RNAV 1 |
| 016 | TF | FAP/FAF | 109 (114.3) | 1.5 | 3000 ft | | RNAV 1 |

LIMVI 4N

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | LIMVI | | | -FL160 | 280 | RNAV 1 |
| 002 | TF | WA442 | 311 (316.0) | 12.0 | | 250 | RNAV 1 |
| 003 | TF | EMKEN | 311 (315.9) | 6.9 | -FL130 | 230 | RNAV 1 |
| 004 | TF | TOSLU | 290 (294.8) | 5.4 | | 220 | RNAV 1 |
| 005 | TF | XIMPU | 325 (329.8) | 8.7 | | 220 | RNAV 1 |
| 006 | TF | NIMIS | 325 (329.7) | 8.7 | | 220 | RNAV 1 |
| 007 | TF | REMDI | 290 (294.7) | 5.9 | | | RNAV 1 |
| 008 | TF | AGESI | 290 (294.6) | 4.7 | | 220 | RNAV 1 |
| 009 | TF | TABET | 289 (294.2) | 4.0 | | | RNAV 1 |
| 010 | TF | INLUT | 289 (294.2) | 4.0 | | 220 | RNAV 1 |
| 011 | TF | WA413 | 199 (204.3) | 5.0 | | | RNAV 1 |
| 012 | TF | WA412 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 013 | TF | WA411 | 109 (114.2) | 4.0 | | | RNAV 1 |
| 014 | TF | GOSIT | 109 (114.3) | 2.6 | | | RNAV 1 |
| 015 | TF | FAP/FAF | 109 (114.3) | 1.5 | 3000 ft | | RNAV 1 |

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**WARSAW CHOPIN AIRPORT
RWY 11**

LOGDA 4N

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | LOGDA | | | -FL210 | 280 | RNAV 1 |
| 002 | TF | GIPUL | 019 (023.9) | 24.5 | | | RNAV 1 |
| 003 | TF | BEMRA | 356 (001.4) | 10.4 | -FL120 | 250 | RNAV 1 |
| 004 | TF | OLOKU | 356 (001.4) | 11.2 | | 220 | RNAV 1 |
| 005 | TF | SOSIN | 309 (313.7) | 9.3 | | 220 | RNAV 1 |
| 006 | TF | BASEK | 289 (294.4) | 8.2 | | 220 | RNAV 1 |
| 007 | TF | LUGEL | 289 (294.2) | 4.0 | | | RNAV 1 |
| 008 | TF | PIBAR | 289 (294.2) | 4.0 | | | RNAV 1 |
| 009 | TF | REDSA | 289 (294.1) | 4.0 | | 220 | RNAV 1 |
| 010 | TF | WA414 | 019 (024.0) | 5.0 | | | RNAV 1 |
| 011 | TF | WA413 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 012 | TF | WA412 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 013 | TF | WA411 | 109 (114.2) | 4.0 | | | RNAV 1 |
| 014 | TF | GOSIT | 109 (114.3) | 2.6 | | | RNAV 1 |
| 015 | TF | FAP/FAF | 109 (114.3) | 1.5 | 3000 ft | | RNAV 1 |

AGAVA 4N

| SEQUENCE NUMBER | PATH TERMINATOR | WAYPOINT IDENTIFIER | COURSE / TRACK °M (°T) | DISTANCE (NM) | ALTITUDE | SPEED (kt) | NAV SPEC |
|-----------------|-----------------|---------------------|------------------------|---------------|----------|------------|----------|
| 001 | IF | AGAVA | | | -FL190 | 280 | RNAV 1 |
| 002 | TF | ELKIR | 087 (092.3) | 11.0 | -FL170 | | RNAV 1 |
| 003 | TF | AMSOS | 087 (092.5) | 16.5 | | | RNAV 1 |
| 004 | TF | ESINI | 027 (031.8) | 7.8 | | | RNAV 1 |
| 005 | TF | BEMRA | 027 (031.9) | 11.3 | -FL120 | 250 | RNAV 1 |
| 006 | TF | OLOKU | 356 (001.4) | 11.2 | | 220 | RNAV 1 |
| 007 | TF | SOSIN | 309 (313.7) | 9.3 | | 220 | RNAV 1 |
| 008 | TF | BASEK | 289 (294.4) | 8.2 | | 220 | RNAV 1 |
| 009 | TF | LUGEL | 289 (294.2) | 4.0 | | | RNAV 1 |
| 010 | TF | PIBAR | 289 (294.2) | 4.0 | | | RNAV 1 |
| 011 | TF | REDSA | 289 (294.1) | 4.0 | | 220 | RNAV 1 |
| 012 | TF | WA414 | 019 (024.0) | 5.0 | | | RNAV 1 |
| 013 | TF | WA413 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 014 | TF | WA412 | 109 (114.0) | 4.0 | | | RNAV 1 |
| 015 | TF | WA411 | 109 (114.2) | 4.0 | | | RNAV 1 |
| 016 | TF | GOSIT | 109 (114.3) | 2.6 | | | RNAV 1 |
| 017 | TF | FAP/FAF | 109 (114.3) | 1.5 | 3000 ft | | RNAV 1 |

| WAYPOINT IDENTIFIER | COORDINATES | |
|---------------------|--------------|---------------|
| | | |
| AGAVA | 51°34'53.1"N | 019°57'38.7"E |
| AGESI | 52°19'53.0"N | 020°42'05.8"E |
| AMSOS | 51°33'39.6"N | 020°41'44.2"E |
| BASEK | 52°10'46.2"N | 020°35'24.0"E |
| BEMRA | 51°49'50.7"N | 020°57'58.6"E |
| BIMPA | 52°22'27.8"N | 019°46'29.0"E |
| DETOR | 52°01'55.0"N | 021°36'59.0"E |
| ELGAD | 52°29'56.9"N | 020°33'37.8"E |
| ELKIR | 51°34'25.7"N | 020°15'14.3"E |
| EMKEN | 51°58'15.1"N | 021°19'54.5"E |
| ESINI | 51°40'18.8"N | 020°48'23.1"E |
| GIPUL | 51°39'26.2"N | 020°57'33.8"E |
| GOSIT | 52°14'15.7"N | 020°42'33.9"E |
| INLUT | 52°23'09.1"N | 020°30'12.4"E |
| INPAL | 52°02'57.0"N | 021°41'45.4"E |
| IRDOM | 52°35'25.1"N | 020°08'53.1"E |
| LIMVI | 51°44'42.0"N | 021°41'08.0"E |
| LOGDA | 51°17'04.0"N | 020°41'38.0"E |
| LUGEL | 52°12'24.5"N | 020°29'28.1"E |
| MIGVI | 52°24'22.4"N | 020°53'47.4"E |
| NEPOX | 52°09'33.0"N | 021°59'57.1"E |
| NIMIS | 52°15'29.7"N | 020°57'44.6"E |
| OLDIM | 52°30'39.5"N | 020°23'32.9"E |
| OLOKU | 52°01'00.6"N | 020°58'25.3"E |
| PIBAR | 52°14'02.2"N | 020°23'32.7"E |
| REDSA | 52°15'40.1"N | 020°17'35.3"E |
| REMDI | 52°17'56.9"N | 020°49'01.2"E |
| RUNIN | 52°26'18.2"N | 020°46'50.7"E |
| SOPAM | 52°27'59.9"N | 020°40'42.8"E |
| SORIX | 52°41'43.0"N | 019°49'12.0"E |
| SOSIN | 52°07'23.8"N | 020°47'31.9"E |
| TABET | 52°21'31.0"N | 020°36'08.8"E |
| TOSLU | 52°00'30.5"N | 021°11'57.7"E |
| XIMPU | 52°07'59.7"N | 021°04'52.9"E |
| WA411 | 52°15'19.3"N | 020°38'44.3"E |
| WA412 | 52°16'57.7"N | 020°32'48.0"E |
| WA413 | 52°18'35.8"N | 020°26'51.3"E |
| WA414 | 52°20'13.6"N | 020°20'54.2"E |
| WA442 | 51°53'18.6"N | 021°27'40.9"E |
| WA444 | 52°27'52.9"N | 020°04'46.0"E |
| FAP/FAF | 52°13'38.6"N | 020°44'47.3"E |