

**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

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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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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