

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

**WARSAW CHOPIN AIRPORT
RWY 29**

BIMPA 4V

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	BIMPA			-FL190	280	RNAV 1
002	TF	GOMSA	099 (104.2)	20.5		250	RNAV 1
003	TF	WA507	100 (104.6)	10.0	-FL120		RNAV 1
004	TF	WA709	100 (104.8)	5.6		220	RNAV 1
005	TF	WA532	157 (162.1)	6.4			RNAV 1
006	TF	WA531	108 (112.7)	10.1		220	RNAV 1
007	TF	ABAPA	110 (114.6)	6.9		220	RNAV 1
008	TF	MAPIX	110 (114.7)	4.0			RNAV 1
009	TF	KUMUT	110 (114.8)	4.0			RNAV 1
010	TF	ENIMO	110 (114.9)	4.0		220	RNAV 1
011	TF	WA733	020 (025.0)	5.0			RNAV 1
012	TF	WA732	290 (295.0)	4.0			RNAV 1
013	TF	WA731	290 (294.9)	4.0			RNAV 1
014	TF	WA729	290 (294.9)	4.0			RNAV 1
015	TF	TEBRU	290 (294.7)	2.6			RNAV 1
016	TF	FAF	290 (294.7)	1.5	3000 ft		RNAV 1

SORIX 4V

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	SORIX			-FL210	280	RNAV 1
002	TF	DINRI	114 (119.4)	31.7		250	RNAV 1
003	TF	WA508	115 (120.0)	6.6	-FL130		RNAV 1
004	TF	TINBU	115 (120.1)	10.3		220	RNAV 1
005	TF	REBSO	115 (120.3)	2.5			RNAV 1
006	TF	DINVA	147 (151.8)	2.8			RNAV 1
007	TF	ODRIM	110 (114.6)	9.9		220	RNAV 1
008	TF	ODMEK	110 (114.8)	1.5			RNAV 1
009	TF	TIGTU	110 (114.8)	2.5			RNAV 1
010	TF	RIKNO	110 (114.9)	4.0		220	RNAV 1
011	TF	WA732	200 (204.9)	5.0			RNAV 1
012	TF	WA731	290 (294.9)	4.0			RNAV 1
013	TF	WA729	290 (294.9)	4.0			RNAV 1
014	TF	TEBRU	290 (294.7)	2.6			RNAV 1
015	TF	FAF	290 (294.7)	1.5	3000 ft		RNAV 1

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NEPOX 4V

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	NEPOX			-FL150	280	RNAV 1
002	TF	WA704	302 (306.9)	6.2			RNAV 1
003	TF	SUPID	267 (271.6)	4.4		220	RNAV 1
004	TF	ROPUX	267 (271.5)	4.8	-FL110		RNAV 1
005	TF	UNDES	267 (271.4)	7.9		220	RNAV 1
006	TF	ODMEK	200 (204.9)	5.1			RNAV 1
007	TF	TIGTU	110 (114.8)	2.5			RNAV 1
008	TF	RIKNO	110 (114.9)	4.0		220	RNAV 1
009	TF	WA732	200 (204.9)	5.0			RNAV 1
010	TF	WA731	290 (294.9)	4.0			RNAV 1
011	TF	WA729	290 (294.9)	4.0			RNAV 1
012	TF	TEBRU	290 (294.7)	2.6			RNAV 1
013	TF	FAF	290 (294.7)	1.5	3000 ft		RNAV 1

LIMVI 4V

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	LIMVI			-FL140	280	RNAV 1
002	TF	WA511	359 (004.3)	9.6			RNAV 1
003	TF	WA512	359 (004.3)	9.5		250	RNAV 1
004	TF	SUPID	359 (004.4)	9.7		220	RNAV 1
005	TF	ROPUX	267 (271.5)	4.8	-FL110		RNAV 1
006	TF	UNDES	267 (271.4)	7.9		220	RNAV 1
007	TF	ODMEK	200 (204.9)	5.1			RNAV 1
008	TF	TIGTU	110 (114.8)	2.5			RNAV 1
009	TF	RIKNO	110 (114.9)	4.0		220	RNAV 1
010	TF	WA732	200 (204.9)	5.0			RNAV 1
011	TF	WA731	290 (294.9)	4.0			RNAV 1
012	TF	WA729	290 (294.9)	4.0			RNAV 1
013	TF	TEBRU	290 (294.7)	2.6			RNAV 1
014	TF	FAF	290 (294.7)	1.5	3000 ft		RNAV 1

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LOGDA 4V

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	LOGDA			-FL190	280	RNAV 1
002	TF	WA593	019 (023.9)	17.8		250	RNAV 1
003	TF	INSEX	019 (024.0)	5.0	-FL100		RNAV 1
004	TF	KUVAM	355 (000.4)	6.0			RNAV 1
005	TF	OSTET	355 (000.4)	7.0		220	RNAV 1
006	TF	SOROT	355 (000.4)	6.0			RNAV 1
007	TF	WA531	020 (024.5)	7.3		220	RNAV 1
008	TF	ABAPA	110 (114.6)	6.9		220	RNAV 1
009	TF	MAPIX	110 (114.7)	4.0			RNAV 1
010	TF	KUMUT	110 (114.8)	4.0			RNAV 1
011	TF	ENIMO	110 (114.9)	4.0		220	RNAV 1
012	TF	WA733	020 (025.0)	5.0			RNAV 1
013	TF	WA732	290 (295.0)	4.0			RNAV 1
014	TF	WA731	290 (294.9)	4.0			RNAV 1
015	TF	WA729	290 (294.9)	4.0			RNAV 1
016	TF	TEBRU	290 (294.7)	2.6			RNAV 1
017	TF	FAF	290 (294.7)	1.5	3000 ft		RNAV 1

AGAVA 4V

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		250	RNAV 1
004	TF	WA593	088 (092.8)	7.1		250	RNAV 1
005	TF	INSEX	019 (024.0)	5.0	-FL100		RNAV 1
006	TF	KUVAM	355 (000.4)	6.0			RNAV 1
007	TF	OSTET	355 (000.4)	7.0		220	RNAV 1
008	TF	SOROT	355 (000.4)	6.0			RNAV 1
009	TF	WA531	020 (024.5)	7.3		220	RNAV 1
010	TF	ABAPA	110 (114.6)	6.9		220	RNAV 1
011	TF	MAPIX	110 (114.7)	4.0			RNAV 1
012	TF	KUMUT	110 (114.8)	4.0			RNAV 1
013	TF	ENIMO	110 (114.9)	4.0		220	RNAV 1
014	TF	WA733	020 (025.0)	5.0			RNAV 1
015	TF	WA732	290 (295.0)	4.0			RNAV 1
016	TF	WA731	290 (294.9)	4.0			RNAV 1
017	TF	WA729	290 (294.9)	4.0			RNAV 1
018	TF	TEBRU	290 (294.7)	2.6			RNAV 1
019	TF	FAF	290 (294.7)	1.5	3000 ft		RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
ABAPA	52°00'36.0"N	021°11'40.0"E
AGAVA	51°34'53.1"N	019°57'38.7"E
AMSOS	51°33'39.6"N	020°41'44.2"E
BIMPA	52°22'27.8"N	019°46'29.0"E
DINRI	52°26'01.9"N	020°34'18.8"E
DINVA	52°13'47.2"N	021°03'53.7"E
ELKIR	51°34'25.7"N	020°15'14.3"E
ENIMO	51°55'34.1"N	021°29'17.0"E
GOMSA	52°17'22.8"N	020°18'48.0"E
INSEX	51°37'49.2"N	020°56'24.1"E
KUMUT	51°57'15.2"N	021°23'24.3"E
KUVAM	51°43'48.7"N	020°56'28.6"E
LIMVI	51°44'42.0"N	021°41'08.0"E
LOGDA	51°17'04.0"N	020°41'38.0"E
MAPIX	51°58'55.6"N	021°17'33.0"E
NEPOX	52°09'33.0"N	021°59'57.1"E
ODMEK	52°09'03.6"N	021°20'36.2"E
ODRIM	52°09'40.4"N	021°18'26.7"E
OSTET	51°50'48.7"N	020°56'33.8"E
REBSO	52°16'16.0"N	021°01'43.7"E
RIKNO	52°06'18.9"N	021°30'13.1"E
ROPUX	52°13'31.1"N	021°36'56.2"E
SORIX	52°41'43.0"N	019°49'12.0"E
SOROT	51°56'48.1"N	020°56'38.3"E
SUPID	52°13'24.0"N	021°44'40.2"E
TEBRU	52°06'13.5"N	021°11'13.2"E
TIGTU	52°07'59.8"N	021°24'19.9"E
TINBU	52°17'31.7"N	020°58'12.8"E
UNDES	52°13'41.8"N	021°24'05.8"E
WA507	52°14'50.9"N	020°34'30.6"E
WA508	52°22'43.0"N	020°43'40.6"E
WA511	51°54'17.4"N	021°42'18.2"E
WA512	52°03'47.3"N	021°43'28.4"E
WA531	52°03'27.5"N	021°01'33.9"E
WA532	52°07'22.3"N	020°46'28.8"E
WA593	51°33'17.8"N	020°53'09.7"E
WA704	52°13'17.0"N	021°51'50.3"E
WA709	52°13'24.7"N	020°43'19.2"E
WA729	52°05'08.4"N	021°15'03.1"E
WA731	52°03'27.8"N	021°20'56.1"E
WA732	52°01'46.9"N	021°26'48.7"E
WA733	52°00'05.4"N	021°32'41.7"E
FAF	52°06'51.0"N	021°09'00.5"E