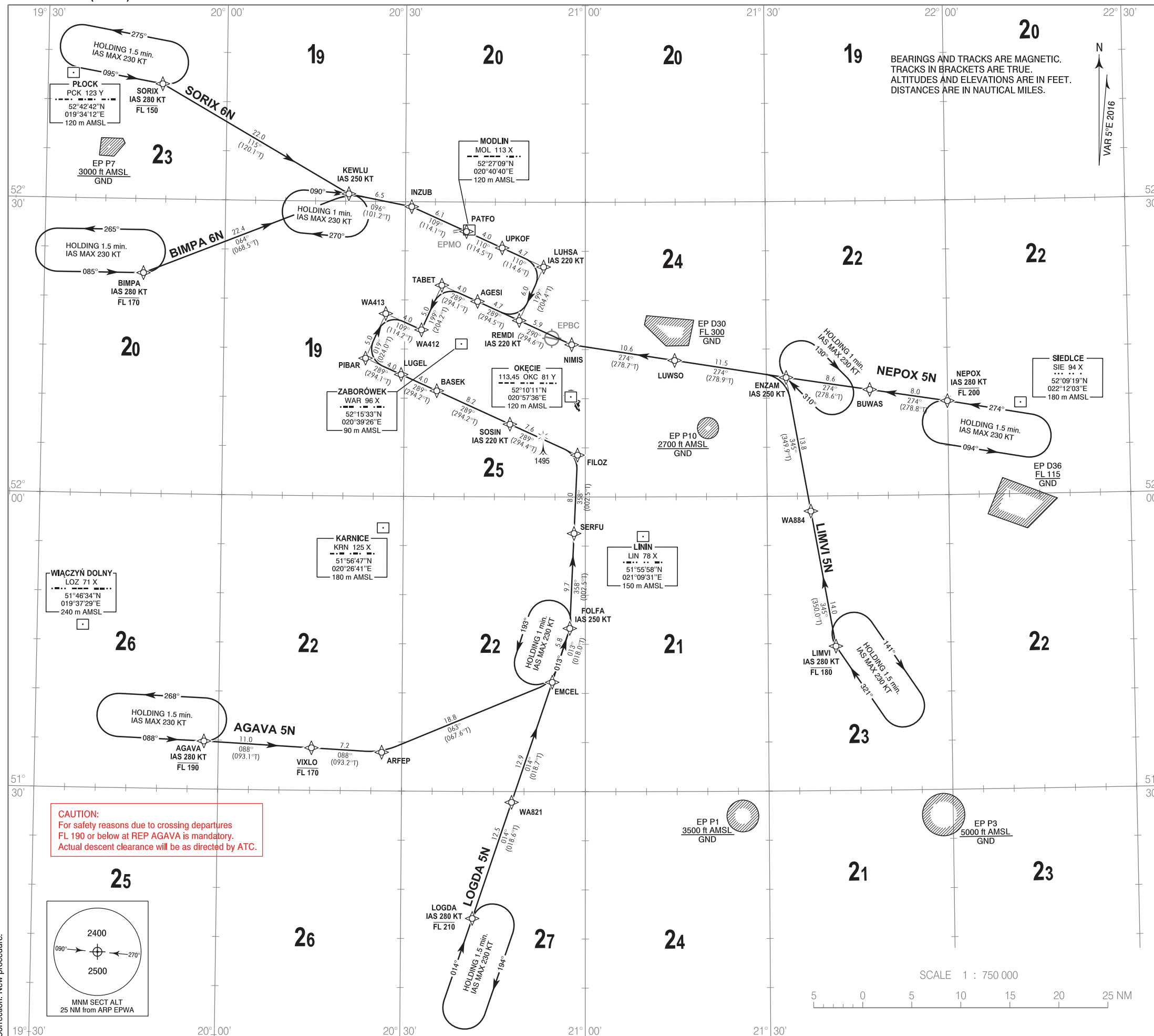


**RNAV 1
STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO**

TRANSITION ALTITUDE 6500

Warszawa DIRECTOR	129.380	ATIS	120.455
Warszawa APPROACH	125.055, 128.805		
Okecie GROUND	121.905		
Okecie TOWER	118.305		

**WARSAW CHOPIN AIRPORT
RWY 11**



1. All aircraft which can not follow and utilize RNAV 1 trajectories shall advise ATC upon first contact. Radar vectoring will be provided, usually along published procedures.
2. Holding patterns as directed by ATC, available for non RNAV 1 approved aircraft.
3. Vertical planning information: air crews should plan for possible descent clearance in accordance with vertical restrictions specified on chart. Actual descent clearance will be as directed by ATC. If possible, CDA technique should be applied.
4. Expect direct routing/shortcuts by ATC whenever possible (especially during off-peak hours). The turn to final approach is usually performed by radar vectors to expedite traffic handling and for separation reasons.
5. If ILS CAT II or LOC RWY 11 approach procedure is unavailable, expect radar vectors to FAF VOR RWY 11.

CDA (CONTINUOUS DESCENT APPROACH) TECHNIQUE

1. Arrange descent to pass 7000 ft AMSL within 25 track miles to touchdown.
2. Expect track miles information or base leg information from ATC at or above 7000 ft AMSL, but do not turn on base leg until instructed.
3. At or before downwind position maintain IAS 220 KT or minimum clean speed, whichever is greater.

ATC R/T example at or above 7000 ft AMSL:
1. 25 track miles to touchdown, when ready descend.
2. Expect base leg after/before/between WPT.
3. Expect full procedure.

RADIO COMMUNICATION FAILURE PROCEDURE

- RNAV 1 APPROVED AIRCRAFT:**
- a) If STAR was assigned and acknowledged by air crew, set transponder to 7600, continue with FPL and assigned STAR, then execute approach (ILS or VOR) and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2 min. from setting 7600.
 - b) If STAR was assigned and acknowledged by air crew and vectoring was initiated, set transponder to 7600 and continue on assigned heading and last cleared and acknowledged altitude for 2 min. (from setting 7600). Then proceed direct to FAP/FAF and execute approach (ILS or VOR) and land. Descending shall be executed in accordance with vertical restrictions specified on chart.
 - c) If STAR was not assigned, set transponder to 7600, proceed according to FPL and FPL STAR, execute approach (ILS or VOR) and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2 min. from setting 7600. If landing is not possible, execute missed approach and proceed to FAP/FAF of most convenient RWY, execute approach (ILS or VOR) and land.
- RNAV 1 NOT APPROVED AIRCRAFT:**
Set the transponder to 7600. Maintain last assigned and acknowledged altitude/flight level. Proceed DVOR/DME WAR. Over DVOR descend to altitude 4000ft. Then proceed FAP ILS RWY 11 (R 115° MAG / D 3.8 NM DVOR/DME "WAR") or FAF VOR RWY 11 (R 123° MAG / D 3.9 NM DVOR/DME "WAR"), execute approach and land. If landing is not possible, execute missed approach and proceed to FAP/FAF of most convenient RWY, execute approach and land.

Correction: New procedure.

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

**WARSAW CHOPIN AIRPORT
RWY 11**

BIMPA 6N

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	KEWLU	064 (068.5)	22.44	-	-250	RNAV 1
003	TF	INZUB	096 (101.2)	6.54	-	-	RNAV 1
004	TF	PATFO	109 (114.1)	6.14	-	-	RNAV 1
005	TF	UPKOF	110 (114.5)	4.00	-	-	RNAV 1
006	TF	LUHSA	110 (114.6)	4.66	-	-220	RNAV 1
007	TF	REMDI	199 (204.4)	6.00	-	-220	RNAV 1
008	TF	AGESI	289 (294.5)	4.67	-	-	RNAV 1
009	TF	TABET	289 (294.1)	4.00	-	-	RNAV 1
010	TF	WA412	199 (204.2)	5.00	-	-	RNAV 1

SORIX 6N

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	KEWLU	115 (120.1)	22.04	-	-250	RNAV 1
003	TF	INZUB	096 (101.2)	6.54	-	-	RNAV 1
004	TF	PATFO	109 (114.1)	6.14	-	-	RNAV 1
005	TF	UPKOF	110 (114.5)	4.00	-	-	RNAV 1
006	TF	LUHSA	110 (114.6)	4.66	-	-220	RNAV 1
007	TF	REMDI	199 (204.4)	6.00	-	-220	RNAV 1
008	TF	AGESI	289 (294.5)	4.67	-	-	RNAV 1
009	TF	TABET	289 (294.1)	4.00	-	-	RNAV 1
010	TF	WA412	199 (204.2)	5.00	-	-	RNAV 1

NEPOX 5N

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	NEPOX	-	-	-FL200	-280	RNAV 1
002	TF	BUWAS	274 (278.8)	8.00	-	-	RNAV 1
003	TF	ENZAM	274 (278.6)	8.61	-	-250	RNAV 1
004	TF	LUWSO	274 (278.9)	11.50	-	-	RNAV 1
005	TF	NIMIS	274 (278.7)	10.62	-	-	RNAV 1
006	TF	REMDI	290 (294.6)	5.89	-	-220	RNAV 1
007	TF	AGESI	289 (294.5)	4.67	-	-	RNAV 1
008	TF	TABET	289 (294.1)	4.00	-	-	RNAV 1
009	TF	WA412	199 (204.2)	5.00	-	-	RNAV 1

LIMVI 5N

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	LIMVI	-	-	-FL180	-280	RNAV 1
002	TF	WA884	345 (350.0)	14.00	-	-	RNAV 1
003	TF	ENZAM	345 (349.9)	13.84	-	-250	RNAV 1
004	TF	LUWSO	274 (278.9)	11.50	-	-	RNAV 1
005	TF	NIMIS	274 (278.7)	10.62	-	-	RNAV 1
006	TF	REMDI	290 (294.6)	5.89	-	-220	RNAV 1
007	TF	AGESI	289 (294.5)	4.67	-	-	RNAV 1
008	TF	TABET	289 (294.1)	4.00	-	-	RNAV 1
009	TF	WA412	199 (204.2)	5.00	-	-	RNAV 1

LOGDA 5N

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	WA821	014 (018.6)	12.50	-	-	RNAV 1
003	TF	EMCEL	014 (018.7)	12.92	-	-	RNAV 1
004	TF	FOLF A	013 (018.0)	5.78	-	-250	RNAV 1
005	TF	SERFU	358 (002.5)	9.68	-	-	RNAV 1
006	TF	FILOZ	358 (002.5)	8.00	-	-	RNAV 1
007	TF	SOSIN	289 (294.4)	7.58	-	-220	RNAV 1
008	TF	BASEK	289 (294.2)	8.20	-	-	RNAV 1
009	TF	LUGEL	289 (294.2)	4.00	-	-	RNAV 1
010	TF	PIBAR	289 (294.1)	4.00	-	-	RNAV 1
011	TF	WA413	019 (024.0)	5.00	-	-	RNAV 1
012	TF	WA412	109 (114.2)	4.00	-	-	RNAV 1

AGAVA 5N

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	VIXLO	088 (093.1)	10.98	-FL170	-	RNAV 1
003	TF	ARFEP	088 (093.2)	7.18	-	-	RNAV 1
004	TF	EMCEL	063 (067.6)	18.80	-	-	RNAV 1
005	TF	FOLF A	013 (018.0)	5.78	-	-250	RNAV 1
006	TF	SERFU	358 (002.5)	9.68	-	-	RNAV 1
007	TF	FILOZ	358 (002.5)	8.00	-	-	RNAV 1
008	TF	SOSIN	289 (294.4)	7.58	-	-220	RNAV 1
009	TF	BASEK	289 (294.2)	8.20	-	-	RNAV 1
010	TF	LUGEL	289 (294.2)	4.00	-	-	RNAV 1
011	TF	PIBAR	289 (294.1)	4.00	-	-	RNAV 1
012	TF	WA413	019 (024.0)	5.00	-	-	RNAV 1
013	TF	WA412	109 (114.2)	4.00	-	-	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
	ARFEP	51°33'56.0"N	020°26'43.1"E
▲	BASEK	52°10'46.2"N	020°35'24.0"E
	BIMPA	52°22'27.8"N	019°46'29.0"E
	BUWAS	52°10'47.0"N	021°47'06.8"E
	EMCEL	51°41'08.0"N	020°54'35.0"E
	ENZAM	52°12'05.0"N	021°33'17.0"E
	FILOZ	52°04'15.7"N	020°58'43.1"E
	FOLFA	51°46'37.1"N	020°57'27.4"E
	INZUB	52°29'29.3"N	020°31'03.3"E
▲	KEWLU	52°30'45.0"N	020°20'33.0"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
	LUHSA	52°23'24.1"N	020°53'04.2"E
	LUWSO	52°13'52.8"N	021°14'49.0"E
	NEPOX	52°09'33.0"N	021°59'57.1"E
	NIMIS	52°15'29.7"N	020°57'44.6"E
▲	PATFO	52°26'59.5"N	020°40'12.6"E
▲	PIBAR	52°14'02.2"N	020°23'32.7"E
	REMDI	52°17'56.9"N	020°49'01.2"E
▲	SERFU	51°56'16.8"N	020°58'08.7"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
	UPKOF	52°25'20.1"N	020°46'09.5"E
▲	VIXLO	51°34'19.4"N	020°15'13.8"E
	WA412	52°16'57.7"N	020°32'48.0"E
	WA413	52°18'35.8"N	020°26'51.3"E
	WA821	51°28'54.3"N	020°47'58.4"E
▲	WA884	51°58'28.1"N	021°37'12.4"E