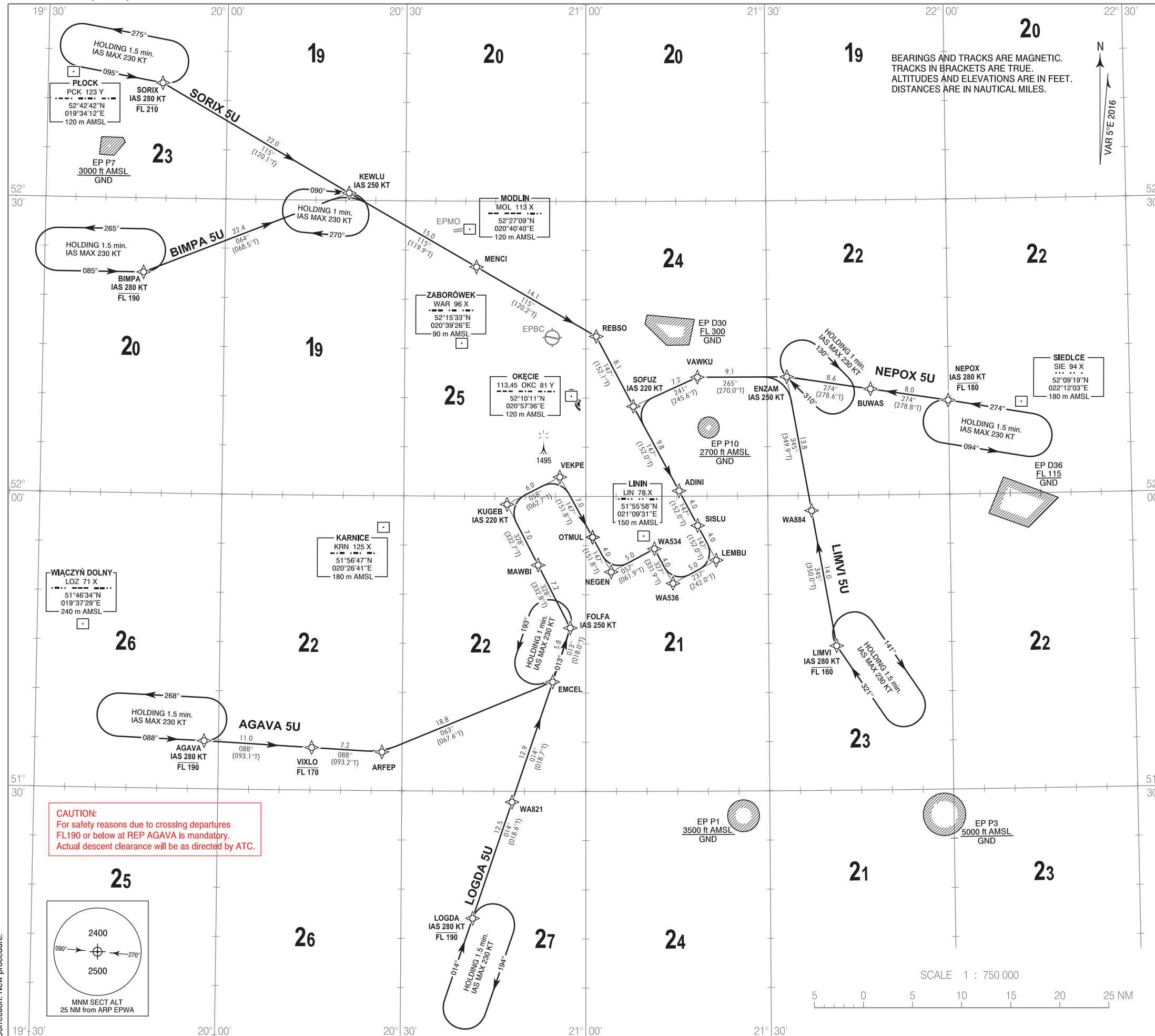


**RNAV 1  
STANDARD ARRIVAL CHART  
INSTRUMENT (STAR) - ICAO**

TRANSITION ALTITUDE 6500

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

**WARSAW CHOPIN AIRPORT  
RWY 33**



BEARINGS AND TRACKS ARE MAGNETIC.  
TRACKS IN BRACKETS ARE TRUE.  
ALTITUDES AND ELEVATIONS ARE IN FEET.  
DISTANCES ARE IN NAUTICAL MILES.

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 33 approach procedure is unavailable, expect radar vectors to FAF VOR RWY 33.

**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 FAF/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 FAF/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 FAF 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 FAF/FAF of most convenient RWY, execute approach and land.

Correction: New procedure.

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

**WARSAW CHOPIN AIRPORT  
RWY 33**

**BIMPA 5U**

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	KEWLU	064 (068.5)	22.44	-	-250	RNAV 1
003	TF	MENCI	115 (119.9)	15.00	-	-	RNAV 1
004	TF	REBSO	115 (120.2)	14.10	-	-	RNAV 1
005	TF	SOFUZ	147 (152.1)	8.07	-	-220	RNAV 1
006	TF	ADINI	147 (152.0)	9.77	-	-	RNAV 1
007	TF	SISLU	147 (152.0)	4.01	-	-	RNAV 1
008	TF	LEMBU	147 (152.0)	4.00	-	-	RNAV 1
009	TF	WA536	237 (242.0)	5.00	-	-	RNAV 1
010	TF	WA534	327 (331.9)	4.00	-	-	RNAV 1

**SORIX 5U**

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	KEWLU	115 (120.1)	22.04	-	-250	RNAV 1
003	TF	MENCI	115 (119.9)	15.00	-	-	RNAV 1
004	TF	REBSO	115 (120.2)	14.10	-	-	RNAV 1
005	TF	SOFUZ	147 (152.1)	8.07	-	-220	RNAV 1
006	TF	ADINI	147 (152.0)	9.77	-	-	RNAV 1
007	TF	SISLU	147 (152.0)	4.01	-	-	RNAV 1
008	TF	LEMBU	147 (152.0)	4.00	-	-	RNAV 1
009	TF	WA536	237 (242.0)	5.00	-	-	RNAV 1
010	TF	WA534	327 (331.9)	4.00	-	-	RNAV 1

**NEPOX 5U**

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	COURSE / TRACK °M (°T)	DISTANCE (NM)	ALTITUDE	SPEED (kt)	NAV SPEC
001	IF	NEPOX	-	-	-FL180	-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	VAWKU	265 (270.0)	9.10	-	-	RNAV 1
005	TF	SOFUZ	241 (245.6)	7.17	-	-220	RNAV 1
006	TF	ADINI	147 (152.0)	9.77	-	-	RNAV 1
007	TF	SISLU	147 (152.0)	4.01	-	-	RNAV 1
008	TF	LEMBU	147 (152.0)	4.00	-	-	RNAV 1
009	TF	WA536	237 (242.0)	5.00	-	-	RNAV 1
010	TF	WA534	327 (331.9)	4.00	-	-	RNAV 1

**LIMVI 5U**

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	WA884	345 (350.0)	14.00	-	-	RNAV 1
003	TF	ENZAM	345 (349.9)	13.84	-	-250	RNAV 1
004	TF	VAWKU	265 (270.0)	9.10	-	-	RNAV 1
005	TF	SOFUZ	241 (245.6)	7.17	-	-220	RNAV 1
006	TF	ADINI	147 (152.0)	9.77	-	-	RNAV 1
007	TF	SISLU	147 (152.0)	4.01	-	-	RNAV 1
008	TF	LEMBU	147 (152.0)	4.00	-	-	RNAV 1
009	TF	WA536	237 (242.0)	5.00	-	-	RNAV 1
010	TF	WA534	327 (331.9)	4.00	-	-	RNAV 1

**LOGDA 5U**

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	WA821	014 (018.6)	12.50	-	-	RNAV 1
003	TF	EMCEL	014 (018.7)	12.92	-	-	RNAV 1
004	TF	FOLFA	013 (018.0)	5.78	-	-250	RNAV 1
005	TF	MAWBI	328 (332.8)	7.19	-	-	RNAV 1
006	TF	KUGEB	328 (332.7)	6.96	-	-220	RNAV 1
007	TF	VEKPE	058 (062.7)	6.01	-	-	RNAV 1
008	TF	OTMUL	147 (151.8)	6.98	-	-	RNAV 1
009	TF	NEGEN	147 (151.8)	4.01	-	-	RNAV 1
010	TF	WA534	057 (061.9)	5.00	-	-	RNAV 1

**AGAVA 5U**

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	FOLFA	013 (018.0)	5.78	-	-250	RNAV 1
006	TF	MAWBI	328 (332.8)	7.19	-	-	RNAV 1
007	TF	KUGEB	328 (332.7)	6.96	-	-220	RNAV 1
008	TF	VEKPE	058 (062.7)	6.01	-	-	RNAV 1
009	TF	OTMUL	147 (151.8)	6.98	-	-	RNAV 1
010	TF	NEGEN	147 (151.8)	4.01	-	-	RNAV 1
011	TF	WA534	057 (061.9)	5.00	-	-	RNAV 1

WAYPOINT IDENTIFIER	COORDINATES	
ADINI	52°00'33.3"N	021°15'22.6"E
AGAVA	51°34'53.1"N	019°57'38.7"E
ARFEP	51°33'56.0"N	020°26'43.1"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
FOLFA	51°46'37.1"N	020°57'27.4"E
KEWLU	52°30'45.0"N	020°20'33.0"E
KUGEB	51°59'11.0"N	020°47'01.0"E
LEMBU	51°53'29.2"N	021°21'27.4"E
LIMVI	51°44'42.0"N	021°41'08.0"E
LOGDA	51°17'04.0"N	020°41'38.0"E
MAWBI	51°53'00.3"N	020°52'09.8"E
MENCI	52°23'18.9"N	020°41'50.0"E
NEGEN	51°52'18.7"N	021°04'10.8"E
NEPOX	52°09'33.0"N	021°59'57.1"E
OTMUL	51°55'50.7"N	021°01'07.0"E
REBSO	52°16'16.0"N	021°01'43.7"E
SISLU	51°57'00.9"N	021°18'25.5"E
SOFUZ	52°09'09.0"N	021°07'52.0"E
SORIX	52°41'43.0"N	019°49'12.0"E
VAWKU	52°12'06.0"N	021°18'29.0"E
VEKPE	52°01'58.0"N	020°55'43.0"E
VIXLO	51°34'19.4"N	020°15'13.8"E
VIXLO	51°34'19.4"N	020°15'13.8"E
WA534	51°54'40.1"N	021°11'17.8"E
WA536	51°51'08.5"N	021°14'20.0"E
WA821	51°28'54.3"N	020°47'58.4"E
WA884	51°58'28.1"N	021°37'12.4"E