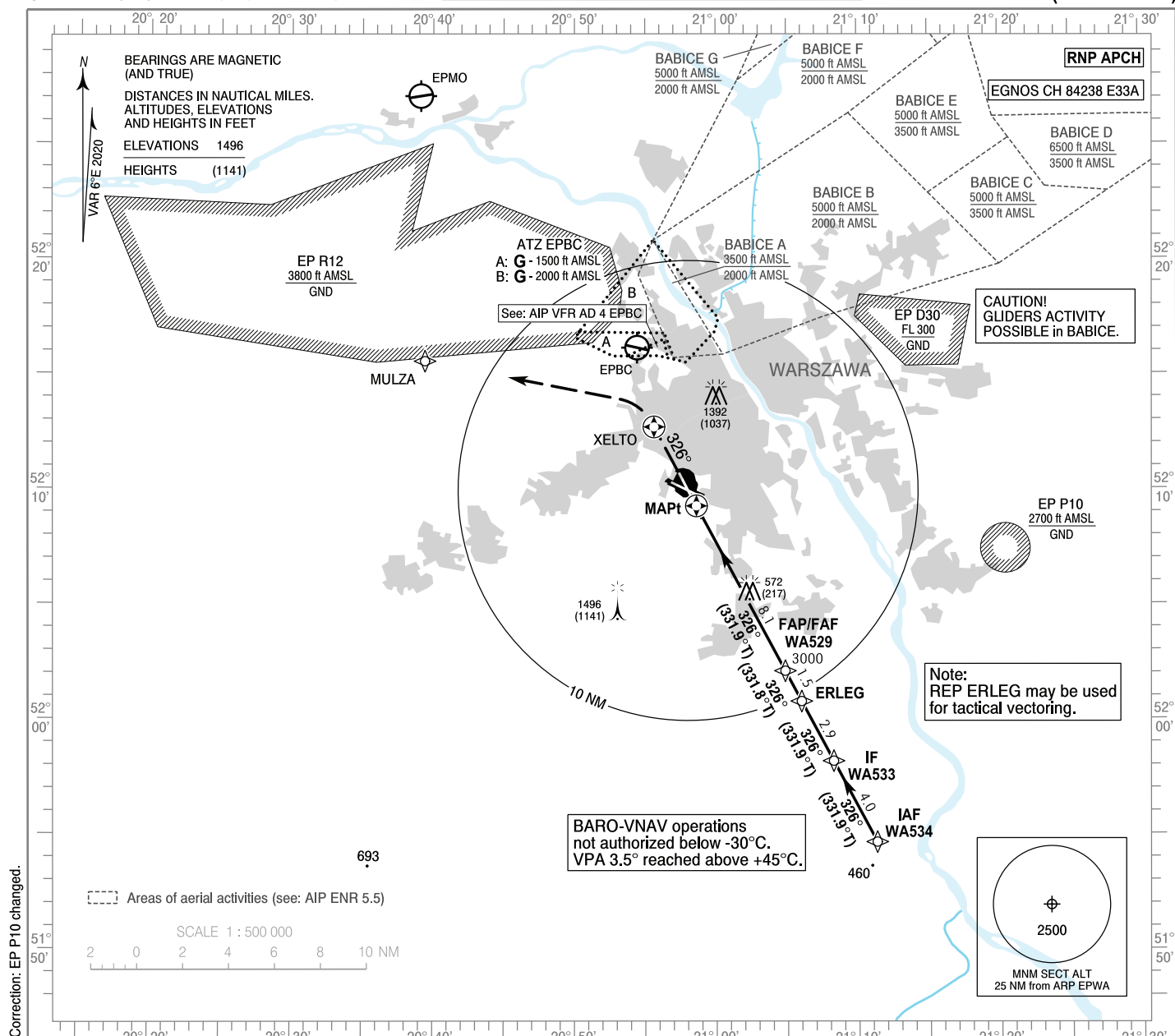


INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 362 ft
THR RWY 33 ELEV 355 ft
HEIGHTS RELATED TO THR RWY 33

Warszawa APPROACH	125.055	ATIS ARR	120.455
	128.805	Okęcie TOWER	118.305
	129.380	Okęcie GROUND	121.905
	135.930		

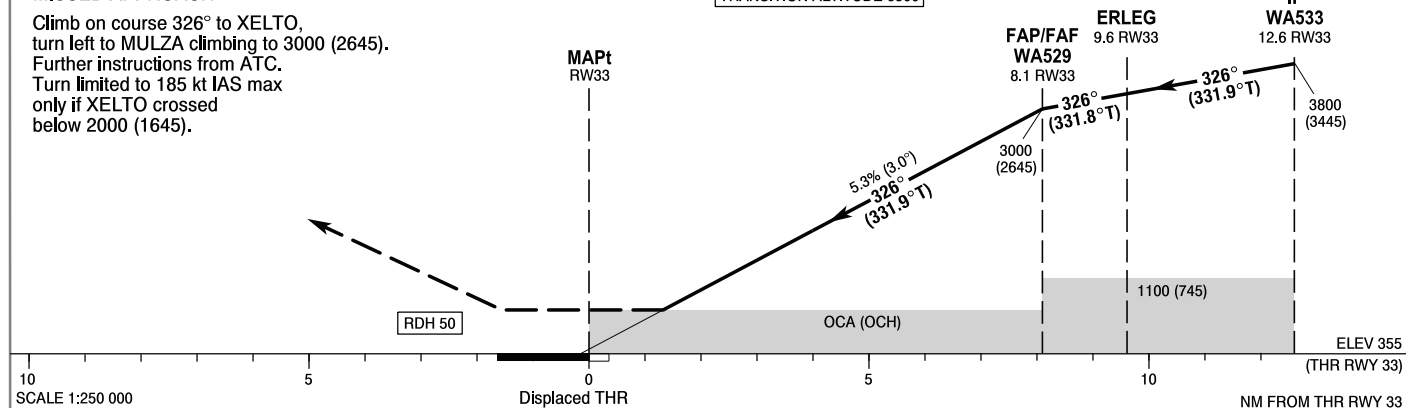
WARSAW CHOPIN AIRPORT

RNP
RWY 33 (CAT A/B/C/D)

MISSED APPROACH

Climb on course 326° to XELTO, turn left to MULZA climbing to 3000 (2645). Further instructions from ATC. Turn limited to 185 kt IAS max only if XELTO crossed below 2000 (1645).

TRANSITION ALTITUDE 6500



OCA (OCH)						Distance FAF - MAPt 8.1 NM						
Cat. of ACFT		A	B	C	D	Speed	kt	80	100	120	140	160
Straight - in	LPV	550 (195)	562 (207)	570 (215)	581 (226)	Time	min : s	6:06	4:53	4:04	3:29	3:03
	LNAV / VNAV	640 (285)	650 (295)	660 (305)	670 (315)	Rate of descent	ft / min	430	530	640	740	850
	LNAV	820 (465)	820 (465)	820 (465)	820 (465)							
						Final approach distance/altitude (height)						
Circling approaches are prohibited						Distance	8	6	4	2		
						Altitude (height)	2960 (2605)	2320 (1965)	1680 (1325)	1050 (695)		

STRONA WOLNA

INTENTIONALLY LEFT BLANK

WARSAW CHOPIN AIRPORT
RNP
RWY 33 (CAT A/B/C/D)

EPWA RNP RWY 33 FROM WA534

SEQUENCE NUMBER	PATH TERMINATOR	WAYPOINT IDENTIFIER	FLY - OVER	COURSE/TRACK °M (°T)	DISTANCE (NM)	TURN DIRECTION	ALTITUDE	SPEED (kt)	VPA/TCH	NAV SPEC
001	IF	WA534	-	-	-	-	-	-220	-	RNP APCH
002	TF	WA533	-	326 (331.91)	4.00	-	+3800 ft	-	-	RNP APCH
003	TF	ERLEG	-	326 (331.88)	2.94	-	-	-	-	RNP APCH
004	TF	WA529	-	326 (331.82)	1.51	-	+3000 ft	-	-	RNP APCH
005	TF	RW33	Y	326 (331.91)	8.14	-	@405 ft	-	-3.0/50	RNP APCH
006	CF	XELTO	Y	326 (331.84)	3.90	-	-	-185*	-	RNP APCH
007	DF	MULZA	-	-	-	L	+3000 ft	-185*	-	RNP APCH
* - restriction applied only if XELTO crossed below 2000 (1645)										

WAYPOINT IDENTIFIER	COORDINATES	
WA534 (IAF)	51 54 40.1 N	021 11 17.8 E
WA533 (IF)	51 58 11.5 N	021 08 15.1 E
ERLEG	52 00 47.2 N	021 06 00.2 E
WA529 (FAP/FAF)	52 02 06.8 N	021 04 51.0 E
RW33 (MAPt)	52 09 16.5 N	020 58 36.8 E
XELTO (MATF)	52 12 42.4 N	020 55 37.2 E
MULZA (MAF)	52 15 33.3 N	020 39 25.8 E

SBAS FAS Data Block Coding Data

EPWA RNP RWY 33	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1 (EGNOS)
Airport Identifier:	EPWA
Runway:	33
Runway Letter:	0 (None)
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E33A
LTP/FTP Latitude:	520916.5000N
LTP/FTP Longitude:	0205836.7700E
LTP/FTP Ellipsoidal Height (metres):	139.4
FPAP Latitude:	521042.8600N
Delta FPAP Latitude (seconds):	86.3600
FPAP Longitude:	0205721.2700E
Delta FPAP Longitude (seconds):	-75.5000
Threshold Crossing Height:	50.0
TCH Units Selector:	0 (feet)
Glidepath Angle (degrees):	3.00
Course Width (metres):	105.00
Length Offset (metres):	0
HAL (metres):	40.0
VAL (metres):	35.0

Output Data	
Data Block	10 01 17 10 05 21 00 00 01 33 33 05 A8 DF 61 16 C4 96 00 09 72 19 B0 A2 02 28 B2 FD F4 01 2C 01 64 00 C8 AF 02 4D DD 46
Calculated CRC Value	024DDD46

Required Additional Data (not CRC wrapped)	
ICAO Code	WA
LTP/FTP Orthometric Height (metres)	108.1