

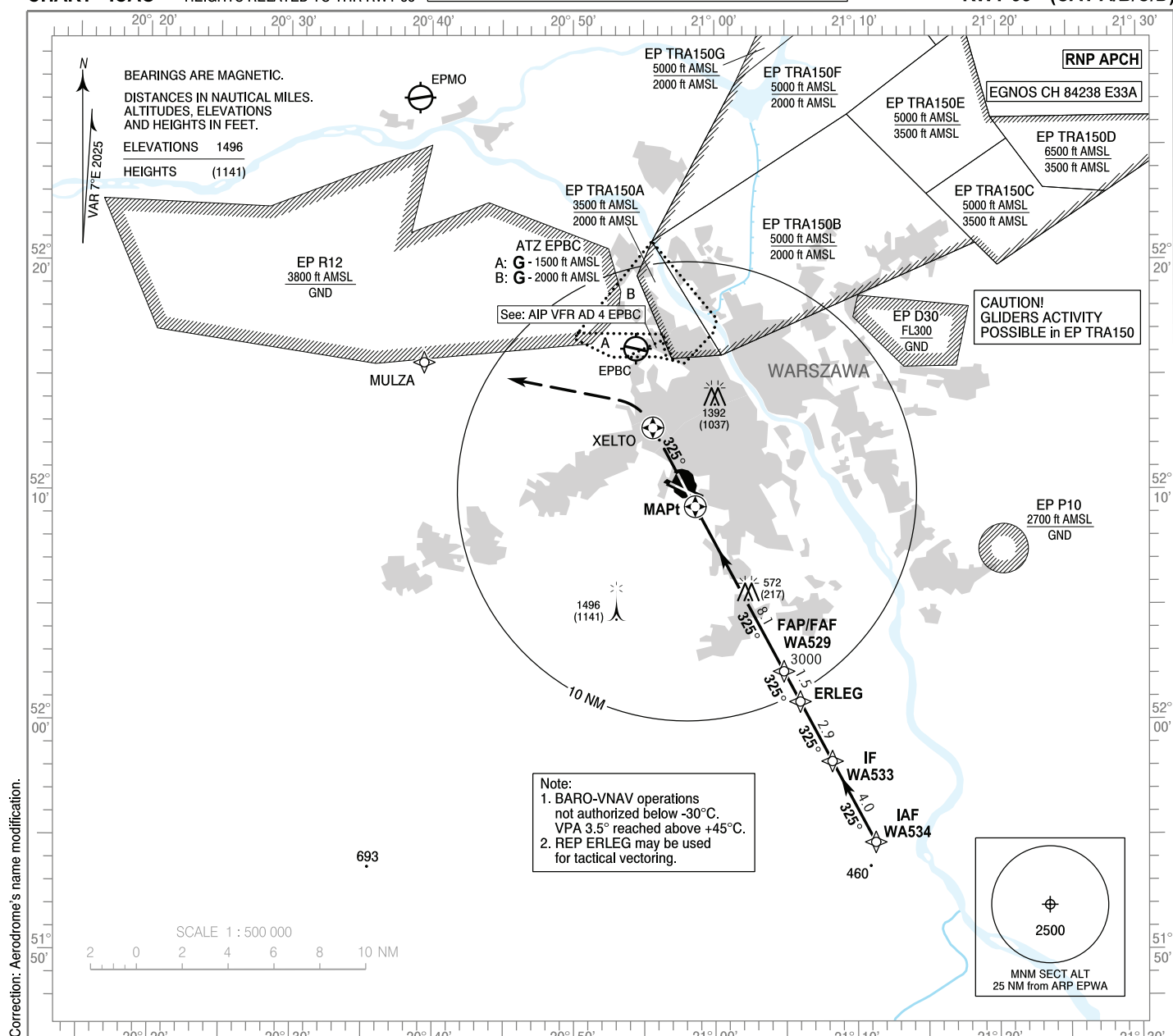
INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 362 ft
THR RWY 33 ELEV 355 ft
HEIGHTS RELATED TO THR RWY 33

Warszawa APPROACH	128.805	ATIS ARR	120.455
	125.055	Okęcie TOWER	118.305
	129.380		120.040
	135.930	Okęcie GROUND	121.905

Lotnisko Chopina w Warszawie

RNP

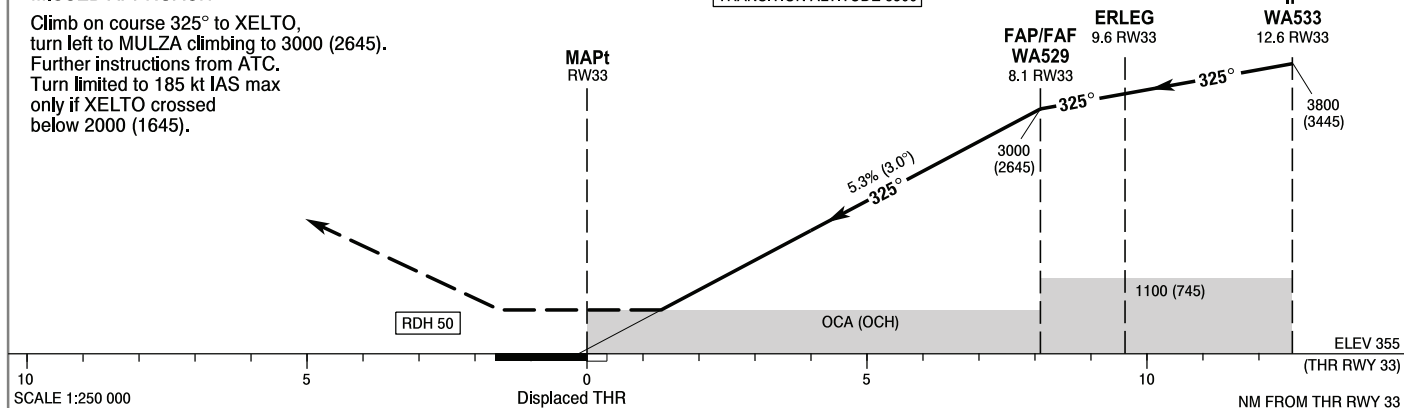
RWY 33 (CAT A/B/C/D)



MISSED APPROACH

Climb on course 325° 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)		

LOTNISKO CHOPINA W WARSZAWIE

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	-	325 (331.91)	4.00	-	+3800 ft	-	-	RNP APCH
003	TF	ERLEG	-	325 (331.88)	2.94	-	-	-	-	RNP APCH
004	TF	WA529	-	325 (331.82)	1.51	-	+3000 ft	-	-	RNP APCH
005	TF	RW33	Y	325 (331.91)	8.14	-	@405 ft	-	-3.0/50	RNP APCH
006	CF	XELTO	Y	325 (331.83)	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					