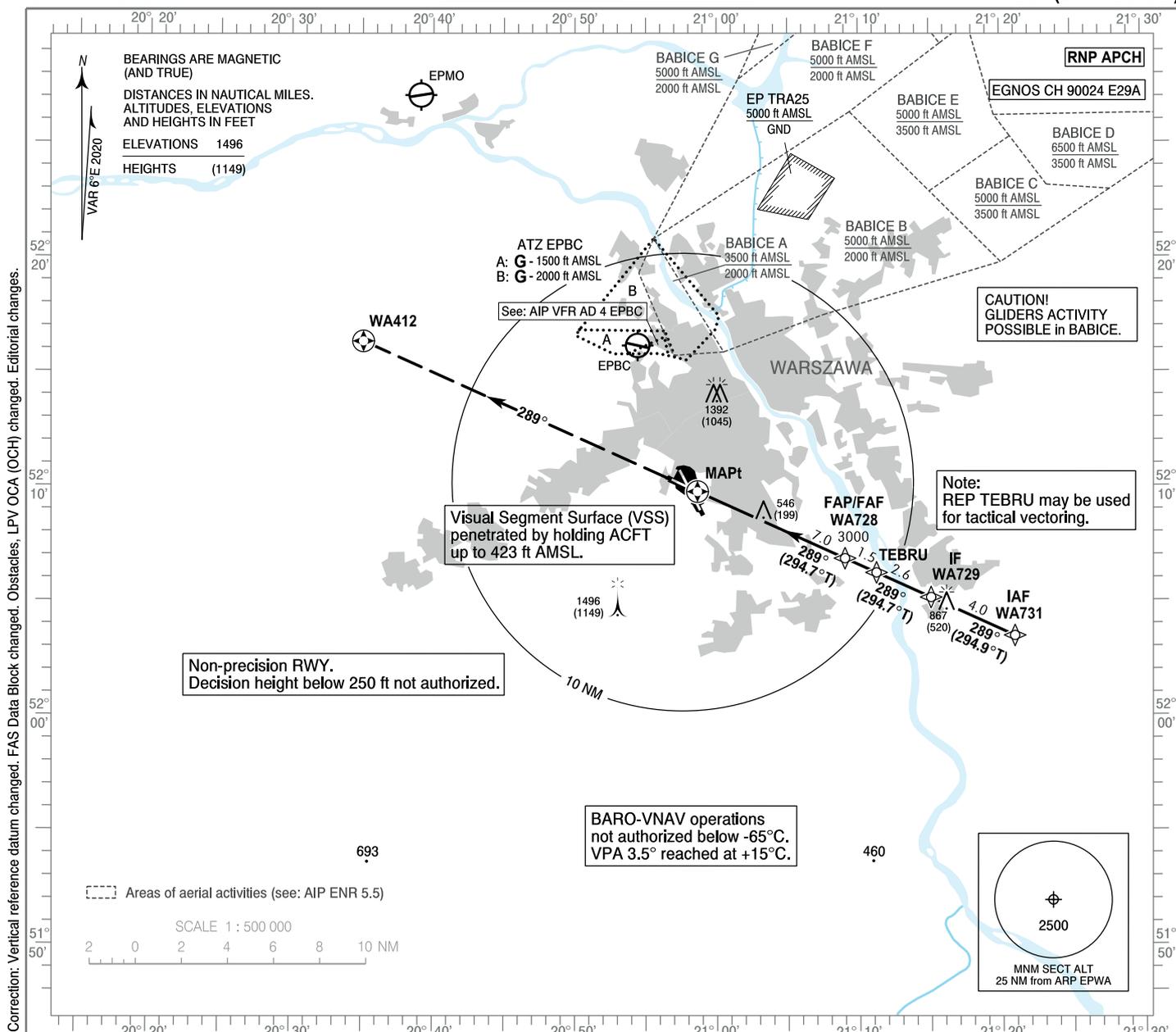


**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 362 ft
THR RWY 29 ELEV 347 ft
HEIGHTS RELATED TO THR RWY 29

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

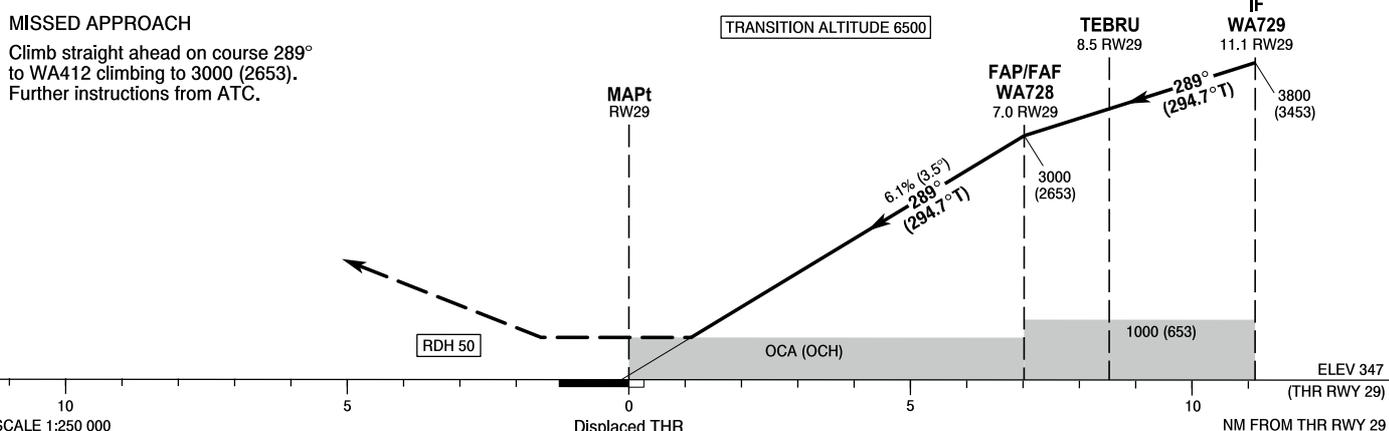
**WARSAW CHOPIN AIRPORT
RNP
RWY 29 (CAT A/B/C/D)**



Correction: Vertical reference datum changed. FAS Data Block changed. Obstacles, LPV OCA (OCH) changed. Editorial changes.

MISSED APPROACH

Climb straight ahead on course 289° to WA412 climbing to 3000 (2653). Further instructions from ATC.



Cat. of ACFT	OCA (OCH)				Distance FAF - MAPt 7.0 NM							
	A	B	C	D	Speed	kt	80	100	120	140	160	
Straight - in	LPV	560 (213)	575 (228)	585 (238)	598 (251)	Time	min : s	5:16	4:13	3:31	3:01	2:38
	LNAV / VNAV	640 (293)	660 (313)	670 (323)	680 (333)	Rate of descent	ft / min	490	620	740	860	990
	LNAV	800 (453)	800 (453)	800 (453)	800 (453)		Final approach distance/altitude (height)					
Circling approaches are prohibited						Distance		6	5	4	3	
						Altitude (height)		2630 (2283)	2260 (1913)	1890 (1543)	1520 (1173)	

STRONA WOLNA

INTENTIONALLY LEFT BLANK

**WARSAW CHOPIN AIRPORT
RNP
RWY 29 (CAT A/B/C/D)**

EPWA RNP RWY 29 FROM WA731

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	WA731	-	-	-	-	-	-220	-	RNP APCH
002	TF	WA729	-	289 (294.85)	4.00	-	+3800 ft	-	-	RNP APCH
003	TF	TEBRU	-	289 (294.71)	2.60	-	-	-	-	RNP APCH
004	TF	WA728	-	289 (294.66)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW29	Y	289 (294.68)	7.04	-	@397 ft	-	-3.5/50	RNP APCH
006	CF	WA412	Y	289 (294.55)	17.44	-	+3000 ft	-	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
RW29 (MAPt)	52 09 46.3 N	020 58 38.5 E
TEBRU	52 06 13.5 N	021 11 13.2 E
WA728 (FAP/FAF)	52 06 51.0 N	021 09 00.5 E
WA729 (IF)	52 05 08.4 N	021 15 03.1 E
WA731 (IAF)	52 03 27.8 N	021 20 56.2 E
WA412 (MAF)	52 16 57.7 N	020 32 48.0 E

SBAS FAS Data Block Coding Data

EPWA RNP RWY 29	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1 (EGNOS)
Airport Identifier:	EPWA
Runway:	29
Runway Letter:	0 (None)
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E29A
LTP/FTP Latitude:	520946.4015N
LTP/FTP Longitude:	0205838.2940E
LTP/FTP Ellipsoidal Height (metres):	137.0
FPAP Latitude:	521017.3100N
Delta FPAP Latitude (seconds):	30.9085
FPAP Longitude:	0205648.1700E
Delta FPAP Longitude (seconds):	-110.1240
Threshold Crossing Height:	50.0
TCH Units Selector:	0 (feet)
Glidepath Angle (degrees):	3.49
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 1D 00 00 01 39 32 05 43 C9 62 16 AC A2 00 09 5A 19 79 F1 00 A8 A3 FC F4 01 5D 01 64 00 C8 AF 1C A7 40 D8
Calculated CRC Value	1CA740D8

Required Additional Data (not CRC wrapped)	
ICAO Code	WA
LTP/FTP Orthometric Height (metres)	105.7