

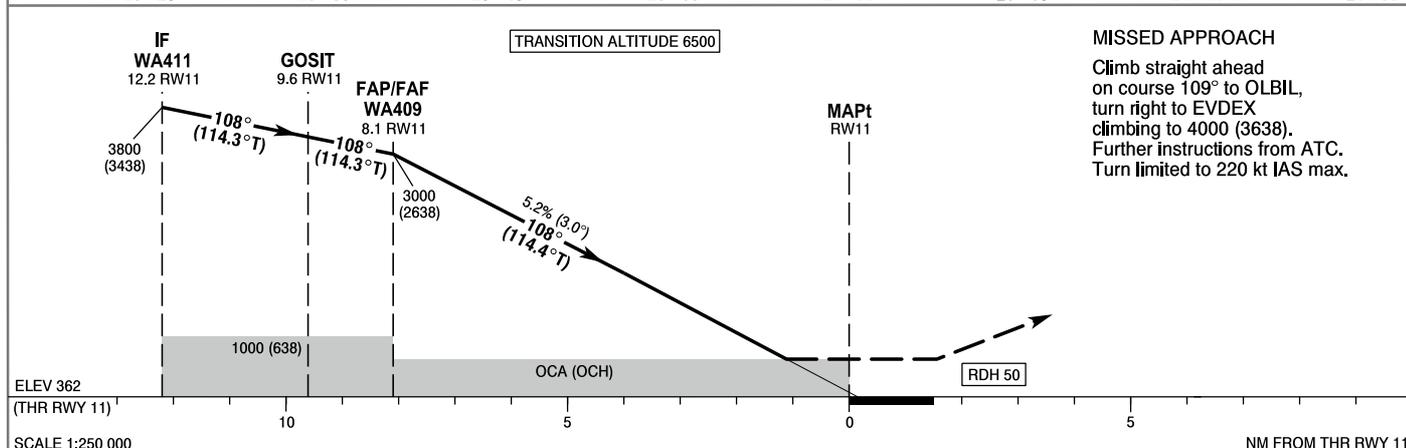
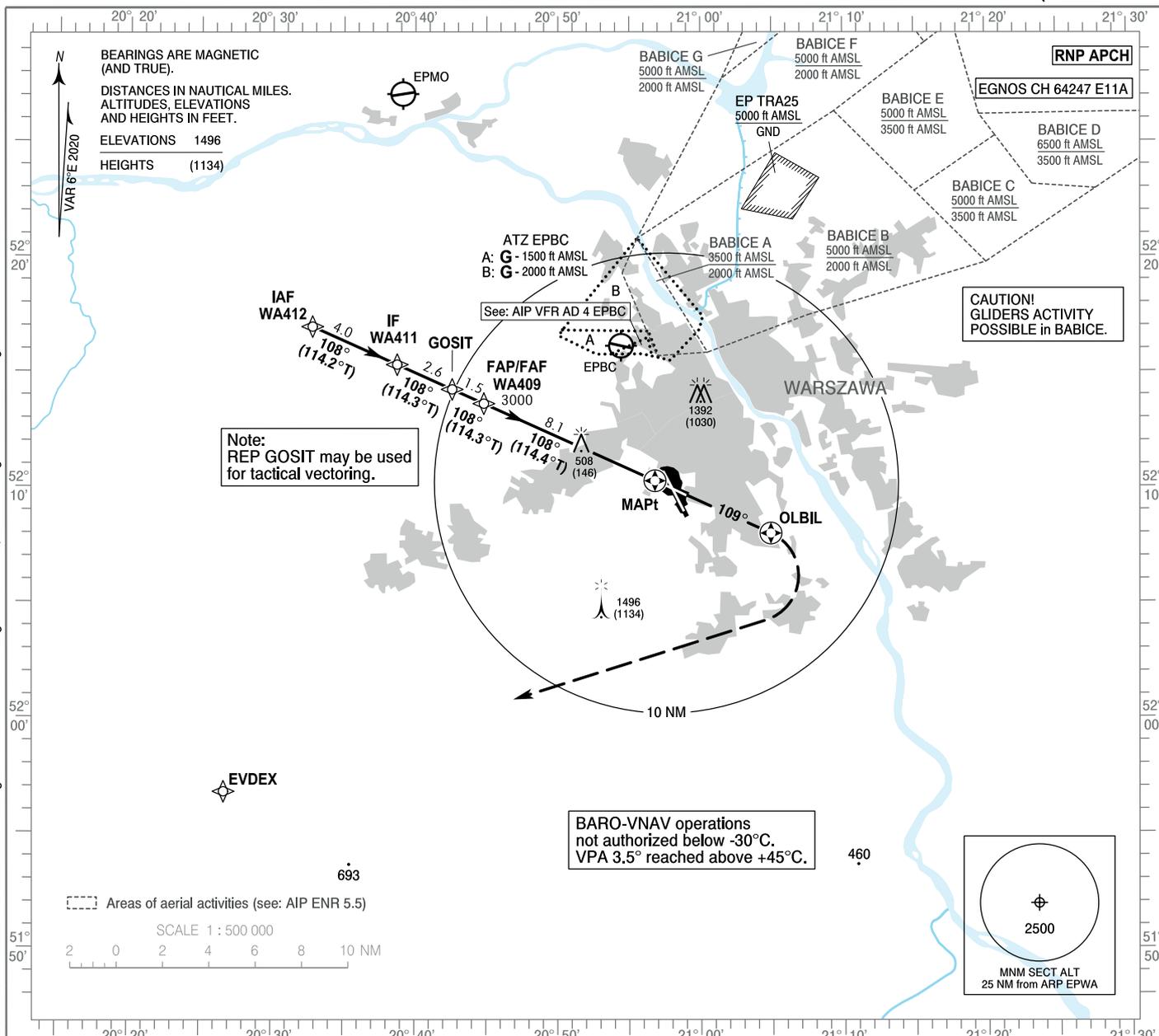
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 362 ft
THR RWY 11 ELEV 362 ft
HEIGHTS RELATED TO THR RWY 11

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 11 (CAT A/B/C/D)**

Correction: Vertical reference datum changed. FAS Data Block changed. Obstacles, tables changed. Editorial changes.



OCA (OCH)					Distance FAF - MAPt 8.1 NM								
Cat. of ACFT	A	B	C	D	Speed	kt	80	100	120	140	160	180	
Straight - in	LPV	562 (200)	574 (212)	582 (220)	593 (231)	Time	min : s	6:05	4:52	4:04	3:29	3:03	2:42
	LNAV / VNAV	640 (278)	650 (288)	660 (298)	670 (308)	Rate of descent	ft / min	430	530	640	740	850	960
	LNAV	760 (398)	760 (398)	760 (398)	760 (398)		Final approach distance/altitude (height)						
Circling approaches are prohibited					Distance		8	6	4	2			
					Altitude (height)		2970 (2608)	2330 (1968)	1690 (1328)	1050 (688)			

STRONA WOLNA

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**WARSAW CHOPIN AIRPORT
RNP
RWY 11 (CAT A/B/C/D)**

EPWA RNP RWY 11 FROM WA412

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	WA412	-	-	-	-	-	-220	-	RNP APCH
002	TF	WA411	-	108 (114.20)	4.00	-	+3800 ft	-	-	RNP APCH
003	TF	GOSIT	-	108 (114.27)	2.58	-	-	-	-	RNP APCH
004	TF	WA409	-	108 (114.31)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW11	Y	108 (114.36)	8.12	-	@412 ft	-	-3.0/50	RNP APCH
006	CF	OLBIL	Y	109 (114.51)	5.49	-	-	-220	-	RNP APCH
007	DF	EVDEX	-	-	-	R	+4000 ft	-220	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
EVDEX (MAF)	51 56 46.5 N	020 26 40.6 E
GOSIT	52 14 15.7 N	020 42 33.9 E
OLBIL (MATF)	52 08 00.5 N	021 04 54.5 E
RW11 (MAPt)	52 10 17.3 N	020 56 48.2 E
WA409 (FAP/FAF)	52 13 38.6 N	020 44 47.3 E
WA411 (IF)	52 15 19.3 N	020 38 44.3 E
WA412 (IAF)	52 16 57.7 N	020 32 48.0 E

SBAS FAS Data Block Coding Data

EPWA RNP RWY 11	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1
Airport Identifier:	EPWA
Runway:	11
Runway Letter:	0 (None)
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E11A
LTP/FTP Latitude:	521017.3100N
LTP/FTP Longitude:	0205648.1700E
LTP/FTP Ellipsoidal Height (metres):	141.7
FPAP Latitude:	520940.0000N
Delta FPAP Latitude (seconds):	-37.3100
FPAP Longitude:	0205902.0000E
Delta FPAP Longitude (seconds):	133.8300
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 0B 00 00 01 31 31 05 BC BA 63 16 54 46 FD 08 89 19 84 DC FE 8C 15 04 F4 01 2C 01 64 00 C8 AF DA 19 2F 5E
Calculated CRC Value	DA192E5E

Required Additional Data (not CRC wrapped)	
ICAO Code	WA
LTP/FTP Orthometric Height (metres)	110.4