

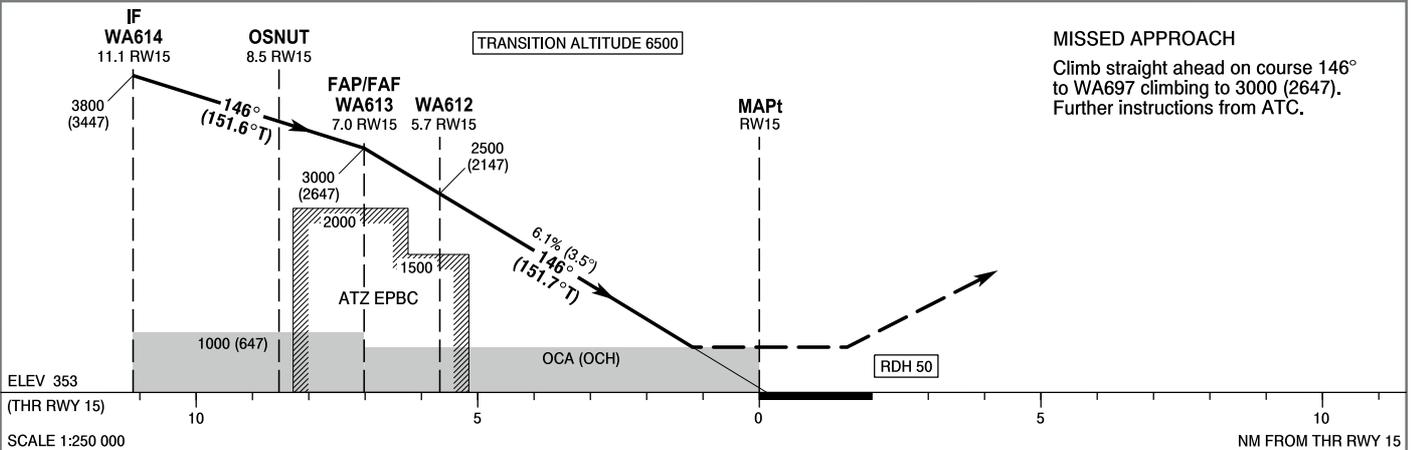
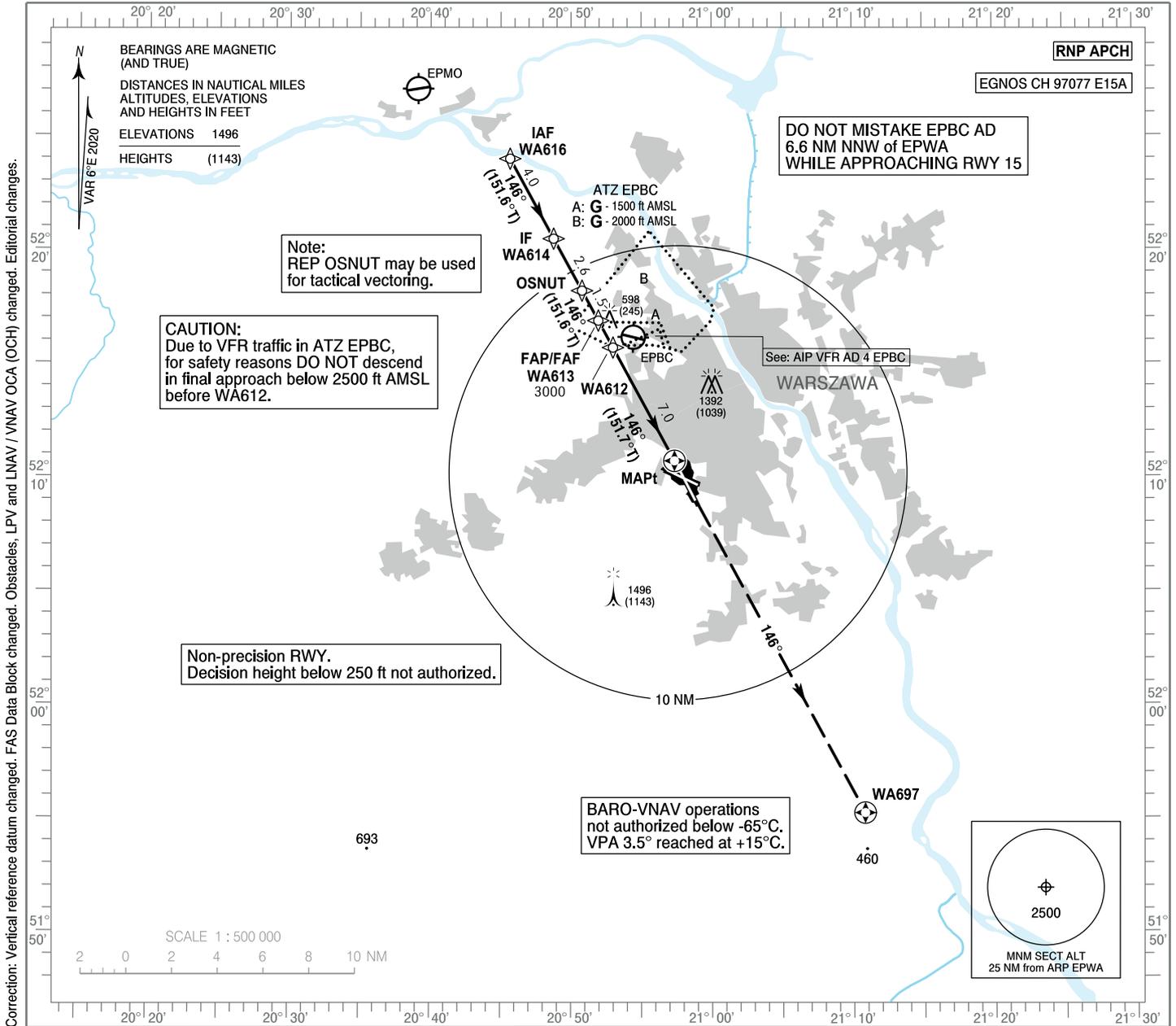
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 362 ft
THR RWY 15 ELEV 353 ft
HEIGHTS RELATED TO THR RWY 15

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



		OCA (OCH)				Distance FAF - MAPt 7.0 NM						
Cat. of ACFT		A	B	C	D	Speed	kt	80	100	120	140	160
Straight - in	LPV	558 (205)	572 (219)	582 (229)	595 (242)	Time	min : s	5:15	4:12	3:30	3:00	2:38
	LNAV / VNAV	640 (287)	650 (297)	660 (307)	680 (327)	Rate of descent	ft / min	490	620	740	860	990
	LNAV	850 (497)	850 (497)	850 (497)	850 (497)							
Circling approaches are prohibited						Final approach distance/altitude (height)						
						Distance		6	5	4	3	
						Altitude (height)		2630 (2277)	2260 (1907)	1890 (1537)	1520 (1167)	

STRONA WOLNA

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**WARSAW CHOPIN AIRPORT
RNP
RWY 15 (CAT A/B/C/D)**

EPWA RNP RWY 15 FROM WA616

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	WA616	-	-	-	-	-	-220	-	RNP APCH
002	TF	WA614	-	146 (151.60)	4.00	-	+3800 ft	-	-	RNP APCH
003	TF	OSNUT	-	146 (151.60)	2.60	-	-	-	-	RNP APCH
004	TF	WA613	-	146 (151.60)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW15	Y	146 (151.66)	7.01	-	@403 ft	-	-3.5/50	RNP APCH
006	CF	WA697	Y	146 (151.73)	17.59	-	+3000 ft	-	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
OSNUT	52 18 11.9 N	020 50 47.2 E
RW15 (MAPt)	52 10 42.9 N	020 57 21.3 E
WA612	52 15 41.6 N	020 52 59.4 E
WA613 (FAP/FAF)	52 16 52.7 N	020 51 56.9 E
WA614 (IF)	52 20 28.9 N	020 48 46.3 E
WA616 (IAF)	52 23 59.8 N	020 45 40.2 E
WA697 (MAF)	51 55 13.8 N	021 10 48.6 E

SBAS FAS Data Block Coding Data

EPWA RNP RWY 15	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1 (EGNOS)
Airport Identifier:	EPWA
Runway:	15
Runway Letter:	0 (None)
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E15A
LTP/FTP Latitude:	521042.8600N
LTP/FTP Longitude:	0205721.2600E
LTP/FTP Ellipsoidal Height (metres):	138.8
FPAP Latitude:	520858.0000N
Delta FPAP Latitude (seconds):	-104.8600
FPAP Longitude:	0205853.0000E
Delta FPAP Longitude (seconds):	91.7400
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 0F 00 00 01 35 31 05 58 82 64 16 D8 48 FE 08 6C 19 C8 CC FC B8 CC 02 F4 01 5D 01 64 00 C8 AF 4D 72 B7 A8
Calculated CRC Value	4D72B7A8

Required Additional Data (not CRC wrapped)	
ICAO Code	WA
LTP/FTP Orthometric Height (metres)	107.5