

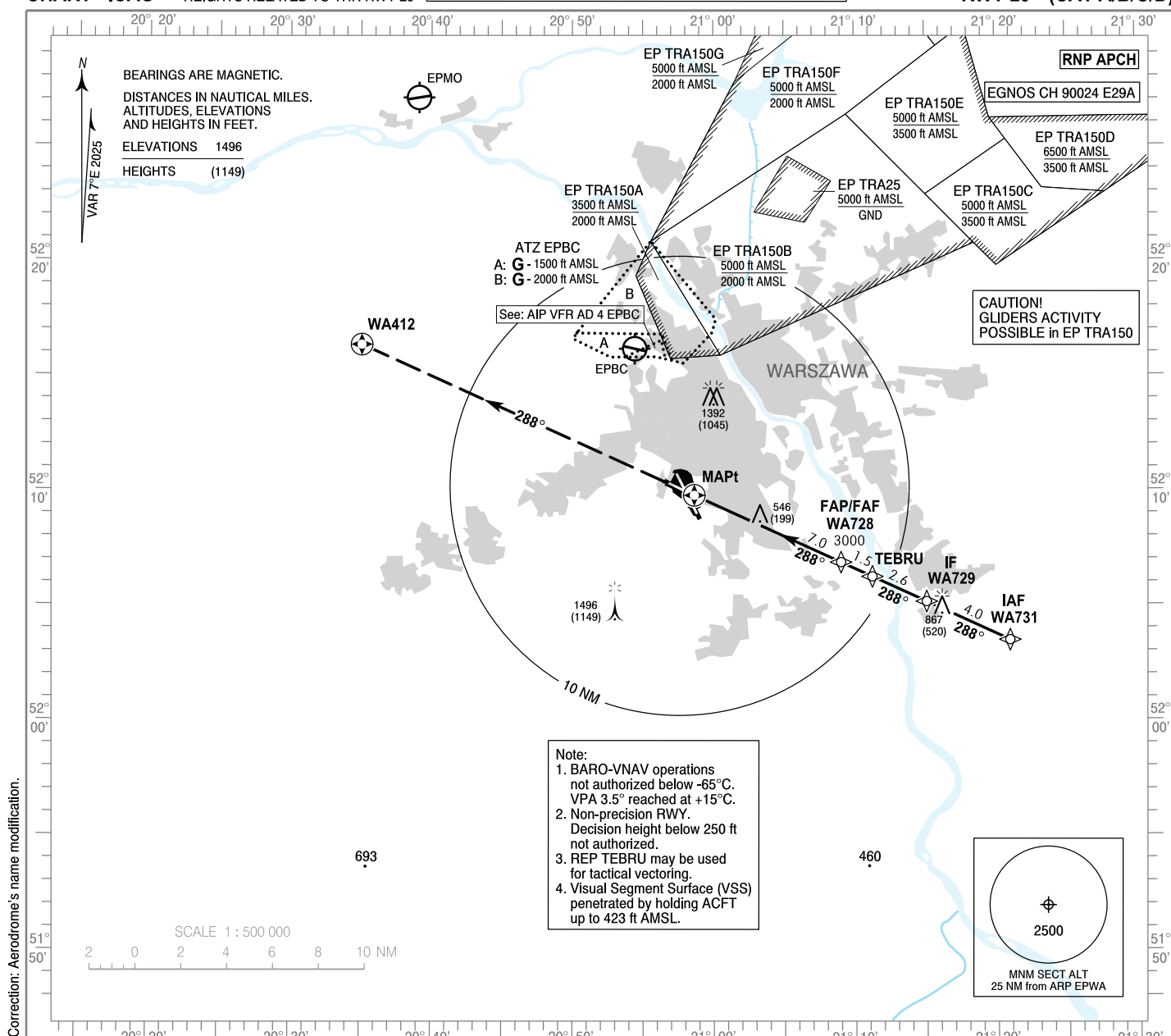
INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 362 ft
THR RWY 29 ELEV 347 ft
HEIGHTS RELATED TO THR RWY 29

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 29 (CAT A/B/C/D)



MISSED APPROACH

Climb straight ahead on course 288°
to WA412 climbing to 3000 (2653).
Further instructions from ATC.

TRANSITION ALTITUDE 6500

TEBRU

IF

MAPt

FAP/FAF
WA728

8.5 RWY29

11.1 RWY29

RDH 50

OCA (OCH)

ELEV 347
(THR RWY 29)

SCALE 1:250 000

Displaced THR

NM FROM THR RWY 29

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	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)

LOTNISKO CHOPINA W WARSZAWIE
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	-	288 (294.85)	4.00	-	+3800 ft	-	-	RNP APCH
003	TF	TEBRU	-	288 (294.71)	2.60	-	-	-	-	RNP APCH
004	TF	WA728	-	288 (294.66)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW29	Y	288 (294.68)	7.04	-	@397 ft	-	-3.5/50	RNP APCH
006	CF	WA412	Y	288 (294.56)	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					