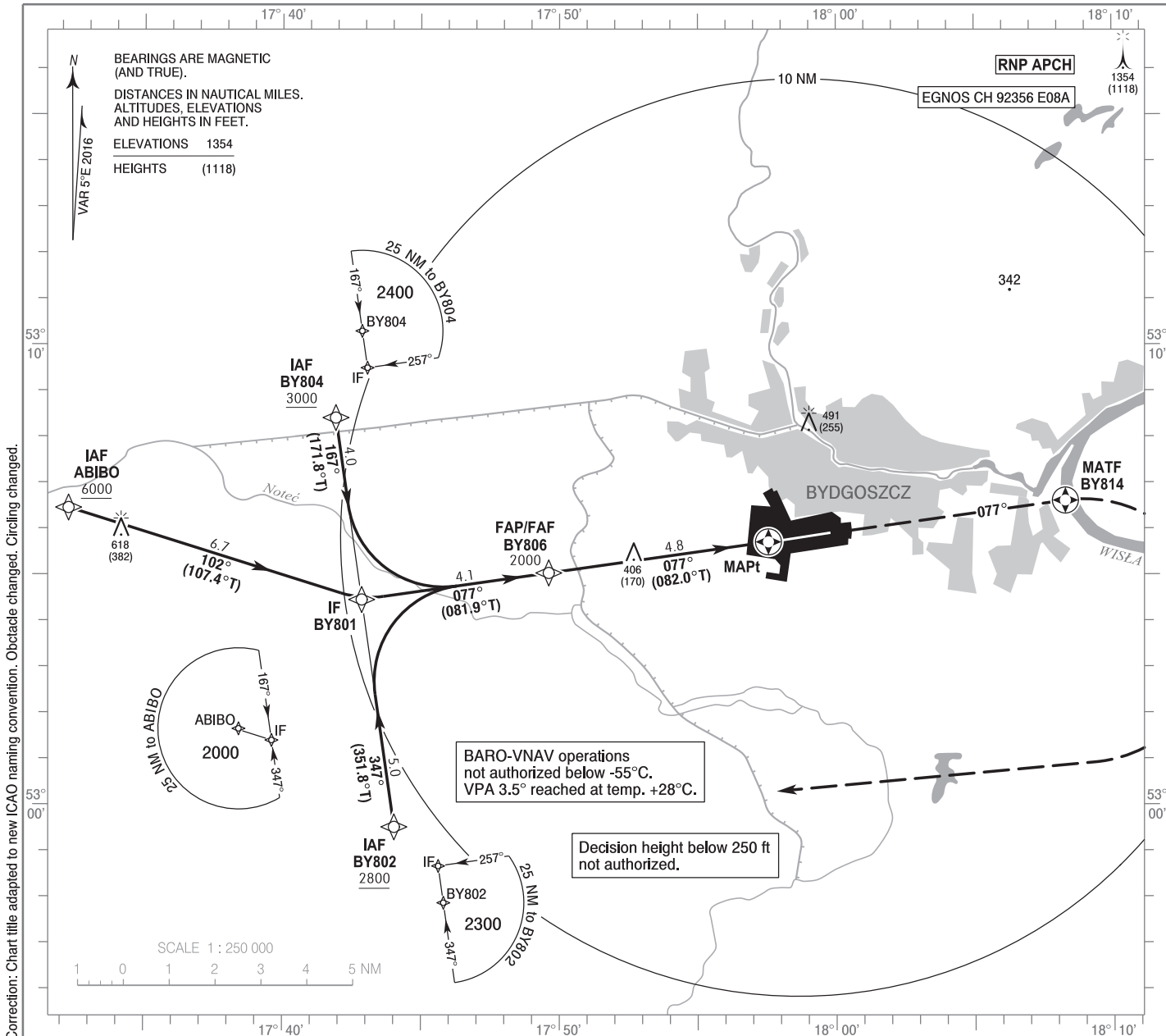


**INSTRUMENT
APPROACH
CHART - ICAO**

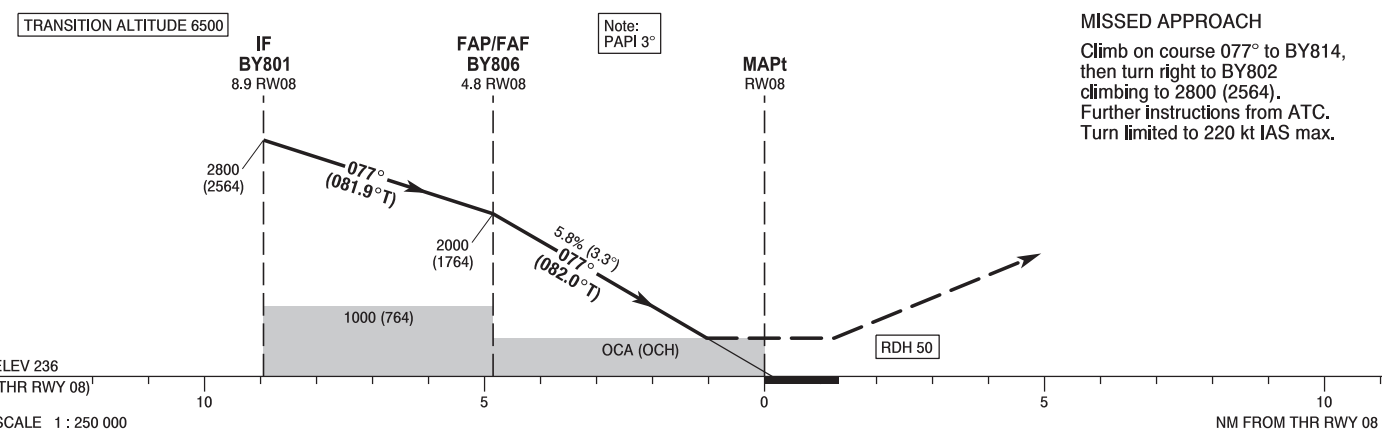
AERODROME ELEV 236 ft
THR RWY 08 ELEV 236 ft
HEIGHTS RELATED TO THR RWY 08

Bydgoszcz TOWER 131.005

**Bydgoszcz
RNP
RWY 08 (CAT A/B/C/D)**



Correction: Chart title adapted to new ICAO naming convention. Obstacle changed. Circling changed.



OCA (OCH)					Distance FAF - MAPt 4.8 NM								
Cat. of ACFT	A	B	C	D	Speed	kt	80	100	120	140	160	180	
Straight - in	LNAV	660 (424)	660 (424)	660 (424)	660 (424)	Time	min : s	3 : 38	2 : 54	2 : 25	2 : 05	1 : 49	1 : 37
	LNAV / VNAV	470 (234)	490 (254)	490 (254)	510 (274)	Rate of descent	ft / min	470	590	700	820	940	1060
	LPV	437 (201)	451 (215)	459 (223)	471 (235)		Final approach distance/altitude (height)						
Circling (OCH AAL)	710 (474)	790 (554)	890 (654)	930 (694)	Distance		4	3	2				
					Altitude (height)		1710 (1474)	1360 (1124)	1000 (764)				

STRONA WOLNA

INTENTIONALLY LEFT BLANK

**Bydgoszcz
RNP
RWY 08 (CAT A/B/C/D)**

EPBY RNP RWY 08 FROM ABIBO

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	ABIBO	-	-	-	-	+6000 ft	-	-	RNP APCH
002	TF	BY801	-	102 (107.40)	6.69	L	+2800 ft	-	-	RNP APCH
003	TF	BY806	-	077 (081.92)	4.12	-	+2000 ft	-	-	RNP APCH
004	TF	RW08	Y	077 (082.02)	4.83	-	@286 ft	-	-3.34°/50	RNP APCH
005	CF	BY814	Y	077 (082.20)	6.53	-	-	-220	-	RNP APCH
006	DF	BY802	-	-	-	R	-	-220	-	RNP APCH

EPBY RNP RWY 08 FROM BY804

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	BY804	-	-	-	-	+3000 ft	-	-	RNP APCH
002	TF	BY801	-	167 (171.84)	4.00	L	+2800 ft	-	-	RNP APCH
003	TF	BY806	-	077 (081.92)	4.12	-	+2000 ft	-	-	RNP APCH
004	TF	RW08	Y	077 (082.02)	4.83	-	@286 ft	-	-3.34°/50	RNP APCH
005	CF	BY814	Y	077 (082.20)	6.53	-	-	-220	-	RNP APCH
006	DF	BY802	-	-	-	R	-	-220	-	RNP APCH

EPBY RNP RWY 08 FROM BY802

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	BY802	-	-	-	-	+2800 ft	-	-	RNP APCH
002	TF	BY801	-	347 (351.84)	5.00	R	+2800 ft	-	-	RNP APCH
003	TF	BY806	-	077 (081.92)	4.12	-	+2000 ft	-	-	RNP APCH
004	TF	RW08	Y	077 (082.02)	4.83	-	@286 ft	-	-3.34°/50	RNP APCH
005	CF	BY814	Y	077 (082.20)	6.53	-	-	-220	-	RNP APCH
006	DF	BY802	-	-	-	R	-	-220	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
	ABIBO (IAF)	53°06'27.0"N
BY804 (IAF)	53°08'24.8"N	017°41'55.0"E
BY802 (IAF)	52°59'31.1"N	017°44'02.1"E
BY801 (IF)	53°04'27.6"N	017°42'51.6"E
BY806 (FAF/P)	53°05'02.5"N	017°49'36.9"E
RW08 (MAPt)	53°05'42.9"N	017°57'33.1"E
BY814 (MATF)	53°06'36.5"N	018°08'17.1"E

SBAS FAS Data Block Coding Data

EPBY RNP RWY 08	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1
Airport Identifier:	EPBY
Runway:	08
Runway Direction:	0
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E08A
LTP/FTP Latitude:	530542.8900N
LTP/FTP Longitude:	0175733.0700E
LTP/FTP Ellipsoidal Height (metres):	103.0
FPAP Latitude:	530554.0930N
Delta FPAP Latitude (seconds):	11.2030
FPAP Longitude:	0175946.1495E
Delta FPAP Longitude (seconds):	133.0795
Threshold Crossing Height:	50.0
TCH Units Selector:	0
Glidepath Angle (degrees):	3.34
Course Width (metres):	105.00
Length Offset (metres):	0
HAL (metres):	40.0
VAL (metres):	35.0

Output Data	
Data Block	10 19 02 10 05 08 00 00 01 38 30 05 D4 37 C9 16 1C 0E B5 07 06 18 86 57 00 AF 0F 04 F4 01 4E 01 64 00 C8 AF 95 73 89 51
Calculated CRC Value	95738951

Required Additional Data (not CRC wrapped)	
ICAO Code	BY
LTP/FTP Orthometric Height (metres)	72.0