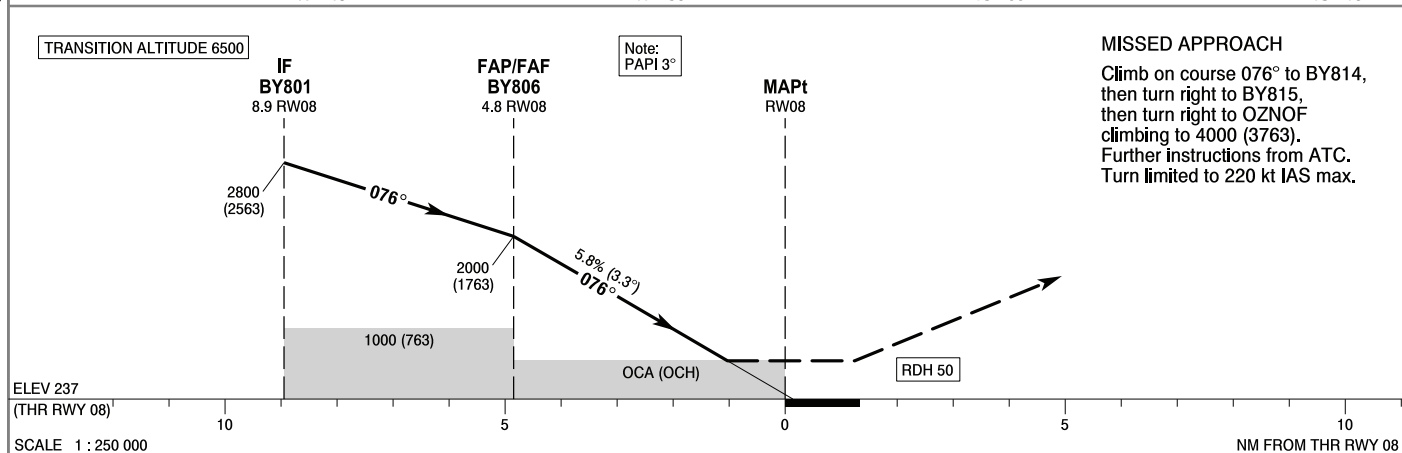
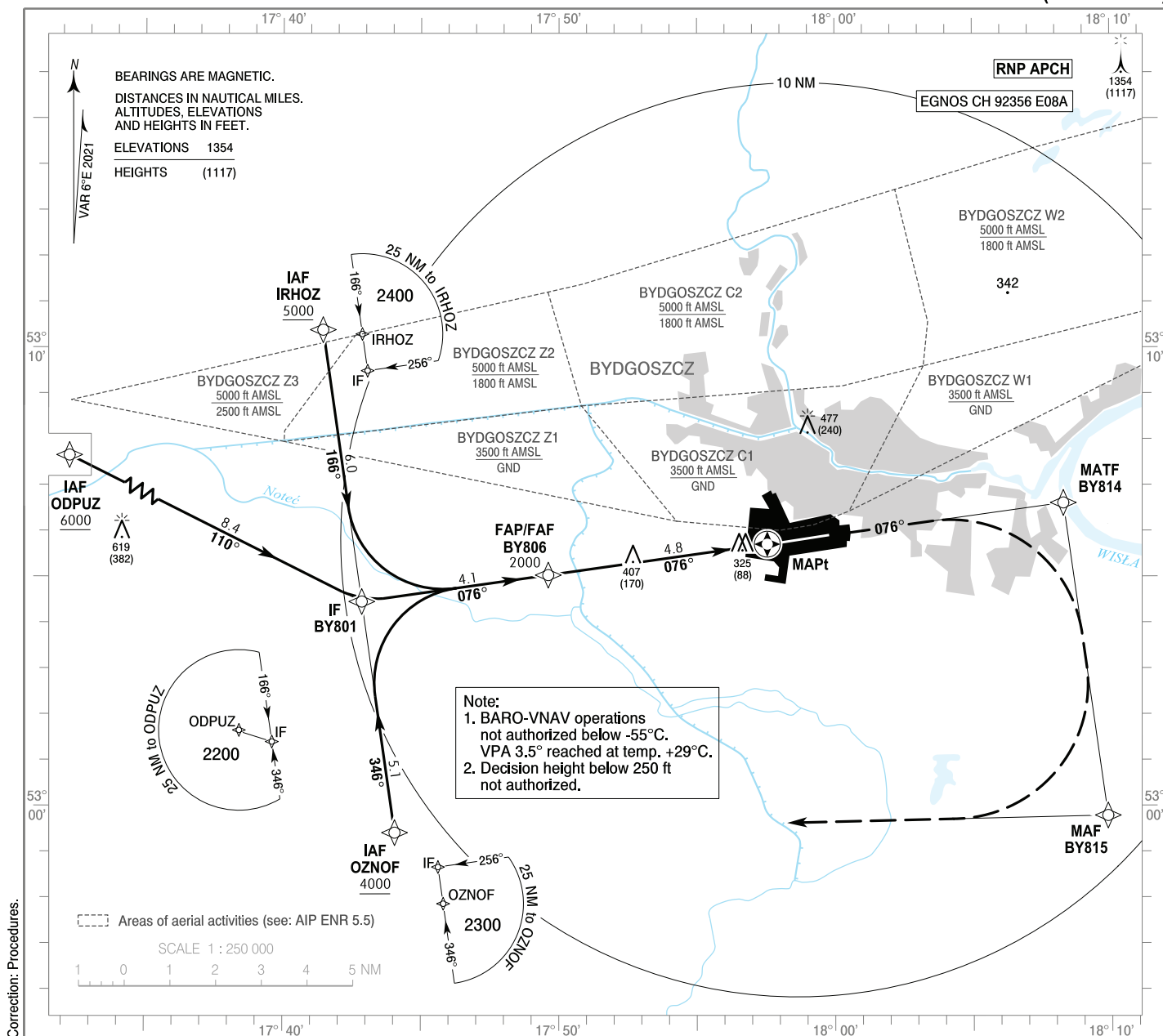


INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 237 ft
THR RWY 08 ELEV 237 ft
HEIGHTS RELATED TO THR RWY 08Bydgoszcz TOWER 131.005
Bydgoszcz INFORMATION 131.005
ATIS 129.330Bydgoszcz
RNP
RWY 08 (CAT A/B/C/D)

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	LPV	439 (202)	453 (216)	461 (224)	473 (236)	Time	min : s	3 : 38	2 : 54	2 : 25	2 : 05	1 : 49	1 : 37
	LNAV / VNAV	460 (223)	480 (243)	480 (243)	500 (263)	Rate of descent	ft / min	470	590	710	830	940	1060
	LNAV	660 (423)	660 (423)	660 (423)	660 (423)								
							Final approach distance/altitude (height)						
Circling (OCH AAL)		740 (503)	780 (543)	880 (643)	930 (693)	Distance		4		3		2	
						Altitude (height)		1710 (1473)		1350 (1113)		1000 (763)	

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

EPBY RNP RWY 08 FROM ODPUZ

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	ODPUZ	-	-	-	-	+6000 ft	-	-	RNP APCH
002	TF	BY801	-	110 (116.45)	8.41	-	+2800 ft	-	-	RNP APCH
003	TF	BY806	-	076 (081.80)	4.11	-	+2000 ft	-	-	RNP APCH
004	TF	RW08	Y	076 (081.94)	4.84	-	@287 ft	-	-3.33°/50	RNP APCH
005	CF	BY814	-	076 (082.05)	6.53	-	-	-220	-	RNP APCH
006	TF	BY815	-	166 (172.03)	6.90	-	-	-220	-	RNP APCH
007	TF	OZNOF	-	263 (268.83)	15.60	-	+4000 ft	-220	-	RNP APCH

EPBY RNP RWY 08 FROM IRHOZ

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	IRHOZ	-	-	-	-	+5000 ft	-	-	RNP APCH
002	TF	BY801	-	166 (171.82)	6.00	-	+2800 ft	-	-	RNP APCH
003	TF	BY806	-	076 (081.80)	4.11	-	+2000 ft	-	-	RNP APCH
004	TF	RW08	Y	076 (081.94)	4.84	-	@287 ft	-	-3.33°/50	RNP APCH
005	CF	BY814	-	076 (082.05)	6.53	-	-	-220	-	RNP APCH
006	TF	BY815	-	166 (172.03)	6.90	-	-	-220	-	RNP APCH
007	TF	OZNOF	-	263 (268.83)	15.60	-	+4000 ft	-220	-	RNP APCH

EPBY RNP RWY 08 FROM OZNOF

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	OZNOF	-	-	-	-	+4000 ft	-	-	RNP APCH
002	TF	BY801	-	346 (351.85)	5.10	-	+2800 ft	-	-	RNP APCH
003	TF	BY806	-	076 (081.80)	4.11	-	+2000 ft	-	-	RNP APCH
004	TF	RW08	Y	076 (081.94)	4.84	-	@287 ft	-	-3.33°/50	RNP APCH
005	CF	BY814	-	076 (082.05)	6.53	-	-	-220	-	RNP APCH
006	TF	BY815	-	166 (172.03)	6.90	-	-	-220	-	RNP APCH
007	TF	OZNOF	-	263 (268.83)	15.60	-	+4000 ft	-220	-	RNP APCH



WAYPOINT IDENTIFIER	COORDINATES	
RW08 (MAPt)	53 05 42.9 N	017 57 33.1 E
BY801 (IF)	53 04 27.6 N	017 42 51.6 E
BY806 (FAP/FAF)	53 05 02.5 N	017 49 36.9 E
BY814 (MATF)	53 06 36.5 N	018 08 17.1 E
BY815 (MAF)	52 59 47.1 N	018 09 52.2 E
IRHOZ (IAF)	53 10 23.4 N	017 41 26.6 E
ODPUZ (IAF)	53 08 12.6 N	017 30 22.9 E
OZNOF (IAF)	52 59 25.1 N	017 44 03.5 E

SBAS FAS Data Block Coding Data

EPBY RNP RWY 08											
Input Data											
Parameters						Values					
Operation Type:						0					
SBAS Provider:						1 (EGNOS)					
Airport Identifier:						EPBY					
Runway:						08					
Runway Letter:						0 (None)					
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:						530554.0900N					
Delta FPAP Latitude (seconds):						11.2000					
FPAP Longitude:						0175946.1500E					
Delta FPAP Longitude (seconds):						133.0800					
Threshold Crossing Height:						50.0					
TCH Units Selector:						0 (feet)					
Glidepath Angle (degrees):						3.33					
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	80	57	00	B0	0F	04	F4	01	
	4D	01	64	00	C8	AF	96	3A	7A	AE	
Calculated CRC Value	963A7AAE										

Required Additional Data (not CRC wrapped)											
ICAO Code						BY					
LTP/FTP Orthometric Height (metres)						72.2					