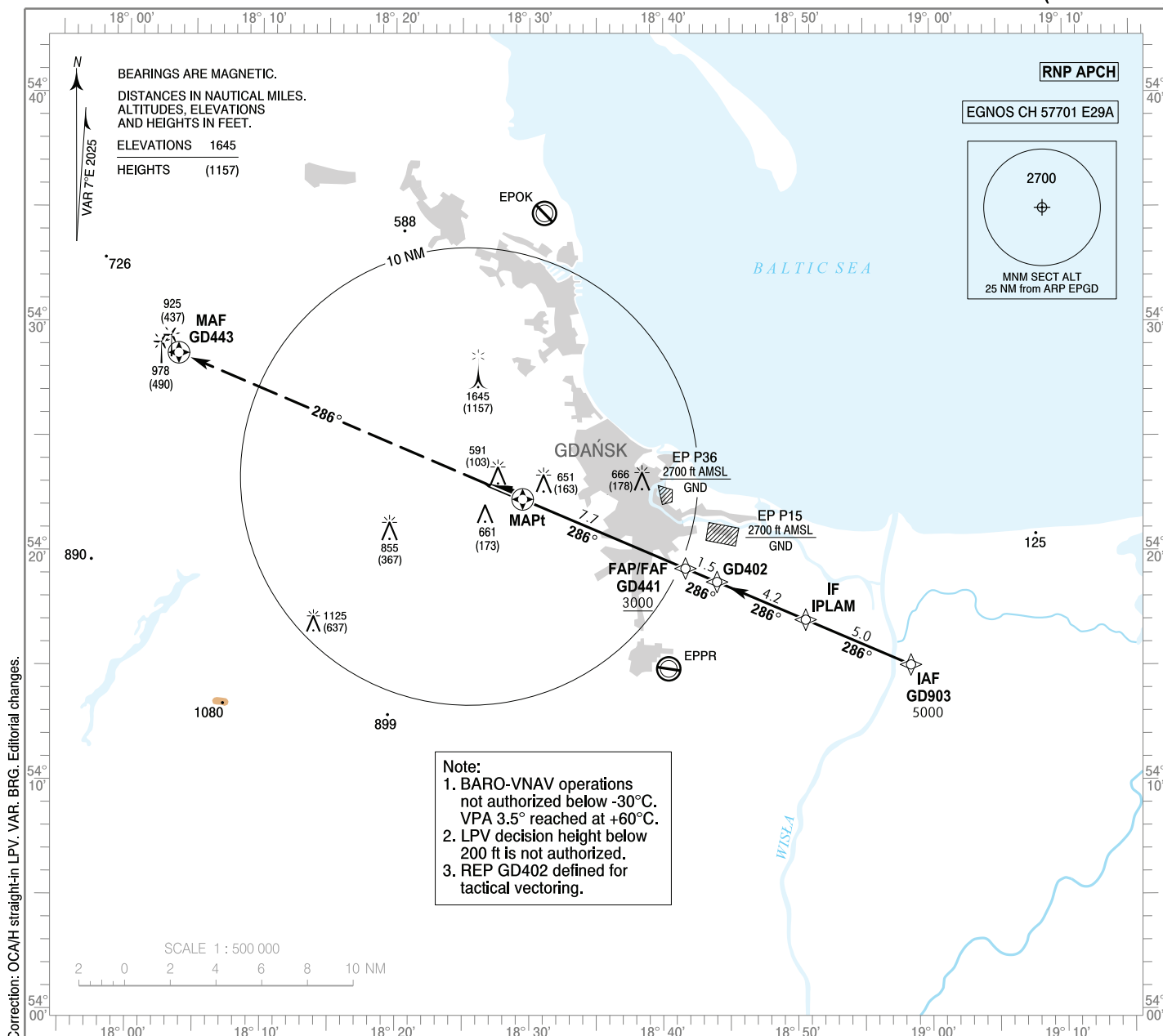


INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 488 ft
THR RWY 29 ELEV 488 ft
HEIGHTS RELATED TO THR RWY 29Gdańsk APPROACH 127.280, 133.660
Gdańsk TOWER 118.105
ATIS 129.630GDAŃSK Lech Wałęsa
RNP
RWY 29 (CAT A/B/C/D)

MISSED APPROACH

Climb straight ahead
on course 286° to GD443
climbing to 3000 (2512).
At 3000 contact ATC
for further instructions.

DVOR/DME
GZDMAPt
RWY29

RDH 50

OCA (OCH)

TRANSITION ALTITUDE 6500

FAP/FAF
GD441
7.7 RWY29GD402
9.2 RWY29IF
IPLAM
13.4 RWY294000
(3512)

5.2% (3.0°)

←

ELEV 488
(THR RWY 29)

SCALE 1 : 250 000

NM FROM THR RWY 29

OCA (OCH)						Distance FAF - MAPt 7.7 NM							
Cat. of ACFT		A	B	C	D	Speed	kt	80	100	120	140	160	180
Straight - in	LPV	686 (198)	698 (210)	706 (218)	717 (229)	Time	min : s	5 : 48	4 : 38	3 : 52	3 : 19	2 : 54	2 : 35
	LNAV / VNAV	740 (252)	740 (252)	740 (252)	750 (262)	Rate of descent	ft / min	420	530	640	740	850	960
	LNAV	850 (362)	850 (362)	850 (362)	850 (362)								
							Final approach distance/altitude (height)						
Circling *		960 (472)	990 (502)	1160 (672)	1250 (762)	Distance	6	5	4	3	2		
*ACFT cat. D circling south of aerodrome only.						Altitude (height)	2450 (1962)	2140 (1652)	1820 (1332)	1500 (1012)	1180 (692)		

GDAŃSK Lech Walesa
RNP
RWY 29 (CAT A/B/C/D)

EPGD RNP RWY 29 FROM GD903

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	GD903	-	-	-	-	5000 ft	-	-	RNP APCH
002	TF	IPLAM	-	286 (293.34)	5.00	-	+4000 ft	-	-	RNP APCH
003	TF	GD402	-	286 (293.23)	4.21	-	+3000 ft	-	-	RNP APCH
004	TF	GD441	-	286 (293.15)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW29	Y	286 (293.12)	7.73	-	@538 ft	-	-3.0°/50	RNP APCH
006	CF	GD443	Y	286 (293.11)	16.33	-	+3000 ft	-	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
GD903 (IAF)	54 15 02.5 N	018 58 26.7 E
IPLAM (IF)	54 17 00.8 N	018 50 37.0 E
GD402	54 18 40.1 N	018 44 00.7 E
GD441 (FAP/FAF)	54 19 15.4 N	018 41 39.4 E
RW29 (MAPt)	54 22 16.6 N	018 29 30.2 E
GD443 (MAF)	54 28 37.8 N	018 03 45.3 E

SBAS FAS Data Block Coding Data

EPGD RNP RWY 29	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1 (EGNOS)
Airport Identifier:	EPGD
Runway:	29
Runway Direction:	0 (None)
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E29A
LTP/FTP Latitude:	542216.5600N
LTP/FTP Longitude:	0182930.1800E
LTP/FTP Ellipsoidal Height (metres):	178.4
FPAP Latitude:	542252.4660N
Delta FPAP Latitude (seconds):	35.9060
FPAP Longitude:	0182704.8435E
Delta FPAP Longitude (seconds):	-145.3365
Threshold Crossing Height:	50.0
TCH Units Selector:	0 (feet)
Glidepath Angle (degrees):	3.00
Course Width (metres):	105.00
Length Offset (metres):	56
HAL (metres):	40.0
VAL (metres):	35.0

Output Data	
Data Block	10 04 07 10 05 1D 00 00 01 39
	32 05 E0 67 55 17 88 8F EF 07
	F8 1A 84 18 01 8F 90 FB F4 01
	2C 01 64 07 C8 AF B0 B7 F5 63
Calculated CRC Value	B0B7F563

Required Additional Data (not CRC wrapped)	
ICAO Code	GD
LTP/FTP Orthometric Height (metres)	148.9