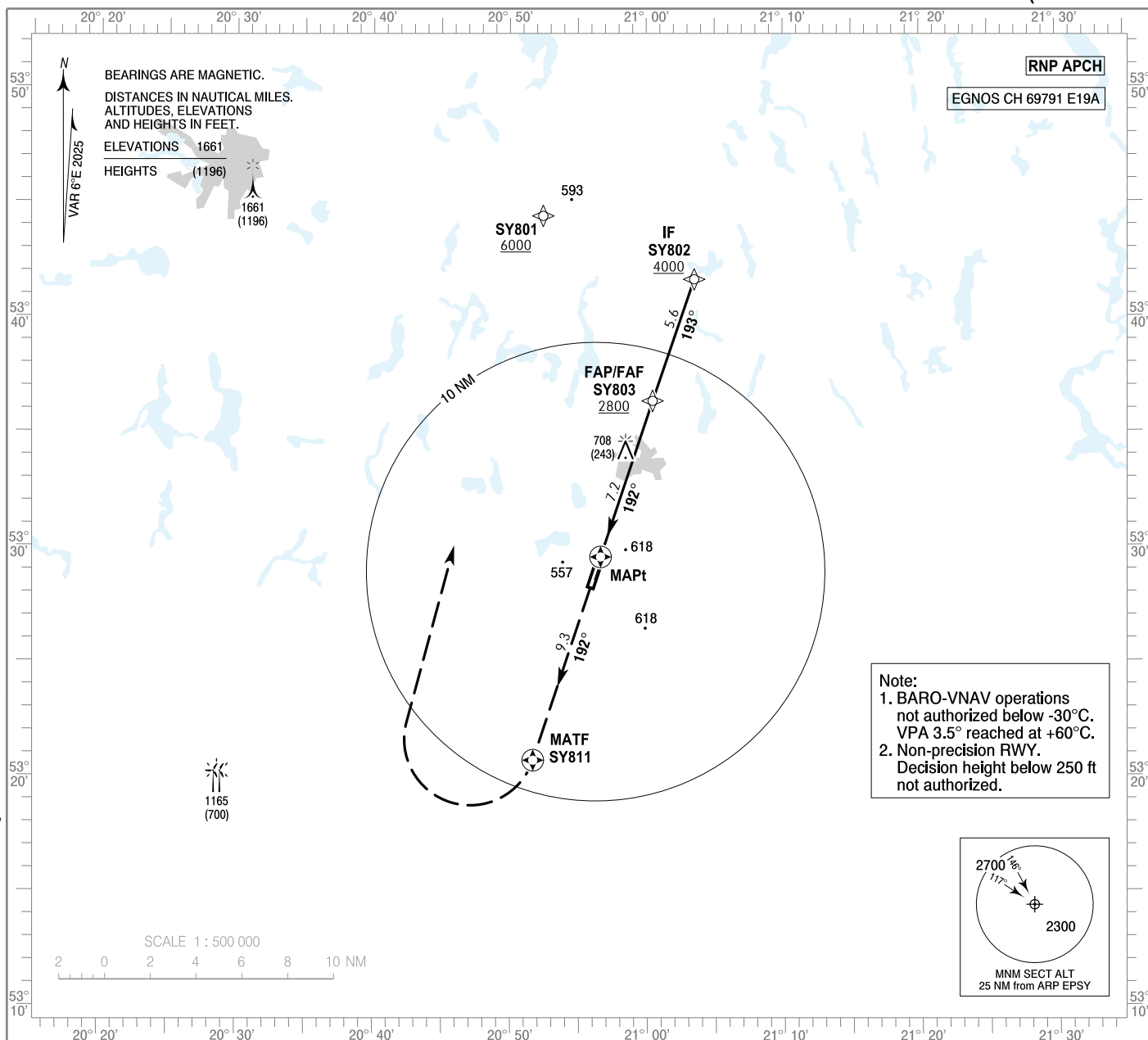


INSTRUMENT
APPROACH
CHART - ICAOAERODROME ELEV 465 ft
THR RWY 19 ELEV 465 ft
HEIGHTS RELATED TO THR RWY 19Mazury TOWER 118.030
Mazury INFORMATION 118.030Olsztyn - Mazury
RNP
RWY 19 (CAT A/B/C/D)

Correction: VAR. BRG. Editorial changes.

MISSED APPROACH

Climb on course 192° to SY811,
then turn right direct to SY801
climbing to 6000 (5535).
Further instructions from ATC.
Turn limited to 220 kt IAS max.

Note:
PAPI 3.5°

TRANSITION ALTITUDE 6500

IF
SY802
12.8 RWY19
4000 (3535)MAPt
RWY19FAP/FAF
SY803
7.2 RWY19

RDH 50

OCA (OCH)

1400 (935)

ELEV 465
(THR RWY 19)

SCALE 1 : 250 000

5

0

5

10

NM FROM THR RWY 19

OCA (OCH)					Distance FAF - MAPt 7.2								
Cat. of ACFT		A	B	C	D	Speed	kt	80	100	120	140	160	180
Straight - in	LPV	653 (188)	665 (200)	673 (208)	684 (219)	Time	min : s	5 : 23	4 : 18	3 : 35	3 : 04	2 : 41	2 : 23
	LNAV / VNAV	710 (245)	720 (255)	730 (265)	740 (275)	Rate of descent	ft / min	420	530	640	740	850	960
	LNAV	960 (495)	960 (495)	960 (495)	960 (495)								
							Final approach distance/altitude (height)						
Circling (OCH AAL)*		970 (505)	970 (505)	1060 (595)	1160 (695)	Distance	7	6	5	4	3	2	
*A/c cat. C and D circling west of AD only.						Altitude (height)	2750 (2285)	2430 (1965)	2110 (1645)	1790 (1325)	1470 (1005)	1160 (695)	

Olsztyn-Mazury
RNP
RWY 19 (CAT A/B/C/D)

EPSY RNP RWY 19

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	SY802	-	-	-	-	+4000 ft	-220	-	RNP APCH
002	TF	SY803	-	193 (199.00)	5.60	-	+2800 ft	-	-	RNP APCH
003	TF	RW19	Y	192 (198.52)	7.17	-	@514 ft	-	-3.0°/50	RNP APCH
004	CF	SY811	Y	192 (198.47)	9.34	-	-	-220	-	RNP APCH
005	DF	SY801	-	-	-	R	+6000 ft	-220	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
SY801 (MAF)	53 44 23.9 N	020 52 25.6 E
SY802 (IF)	53 41 38.0 N	021 03 29.8 E
SY803 (FAP/FAF)	53 36 20.6 N	021 00 26.1 E
SY811 (MATF)	53 20 42.2 N	020 51 40.9 E
RW19 (MAPt)	53 29 33.1 N	020 56 37.2 E

SBAS FAS Data Block Coding Data

EPSY RNP RWY 19	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1
Airport Identifier:	EPSY
Runway:	19
Runway Direction:	0
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E19A
LTP/FTP Latitude:	532933.0700N
LTP/FTP Longitude:	0205637.1700E
LTP/FTP Ellipsoidal Height (metres):	171.8
FPAP Latitude:	532816.3600N
Delta FPAP Latitude (seconds):	-76.7100
FPAP Longitude:	0205554.2200E
Delta FPAP Longitude (seconds):	-42.9500
Threshold Crossing Height:	50.0
TCH Units Selector:	0
Glidepath Angle (degrees):	3.00
Course Width (metres):	105.00
Length Offset (metres):	0
HAL (metres):	40.0
VAL (metres):	35.0

Output Data											
Data Block	10	19	13	10	05	13	00	00	01	39	
	31	05	1C	DD	F4	16	64	F0	FC	08	
	B6	1A	B4	A8	FD	74	B0	FE	F4	01	
	2C	01	64	00	C8	AF	61	6A	01	90	
Calculated CRC Value	616A0190										

Required Additional Data (not CRC wrapped)	
ICAO Code	SY
LTP/FTP Orthometric Height (metres)	141.5