

**Olsztyn-Mazury  
RNAV (GNSS)  
RWY 19 (CAT A/B/C/D)**

**EPSY RNAV (GNSS) 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	-	194 (199.00)	5.60	-	+2800 ft	-	-	RNP APCH
003	TF	RW19	Y	194 (198.52)	7.17	-	@514 ft	-	-3.0°/50	RNP APCH
004	CF	SY811	Y	194 (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**

<b>EPSY RNAV (GNSS) RWY 19</b>	
<b>Input Data</b>	
<b>Parameters</b>	<b>Values</b>
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):	171.6
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

<b>Output Data</b>	
Data Block	10 19 13 10 05 13 00 00 01 39 31 05 1C DD F4 16 64 F0 FC 08 B4 1A B4 A8 FD 74 B0 FE F4 01 2C 01 64 00 C8 AF E5 5C 94 0D
Calculated CRC Value	E55C940D

<b>Required Additional Data (not CRC wrapped)</b>	
ICAO Code	SY
LTP/FTP Orthometric Height (metres)	141.4
FPAP Orthometric Height (metres)	141.4