

**WARSZAWA / Modlin  
RNAV (GNSS)  
RWY 08 (CAT A/B/C/D)**

**EPMO RNAV (GNSS) RWY 08 FROM MO804**

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	MO804	-	-	-	-	-	-220	-	RNP APCH
002	TF	OGRAR	-	166 (170.98)	5.00	-	+3400 ft	-	-	RNP APCH
003	TF	GODIL	-	076 (080.95)	2.50	-	-	-	-	RNP APCH
004	TF	MO823	-	076 (081.06)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW08	Y	076 (081.24)	8.17	-	@391 ft	-	-3.0°/50	RNP APCH
006	CF	MO833	Y	076 (081.32)	3.12	L	-	-200	-	RNP APCH
007	DF	MO834	-	-	-	R	-	-220	-	RNP APCH
008	TF	MO836	-	010 (014.78)	7.20	-	+3000 ft	-	-	RNP APCH

**EPMO RNAV (GNSS) RWY 08 FROM KUXEN**

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	KUXEN	-	-	-	-	-	-220	-	RNP APCH
002	TF	OGRAR	-	076 (080.99)	4.00	-	+3400 ft	-	-	RNP APCH
003	TF	GODIL	-	076 (080.95)	2.50	-	-	-	-	RNP APCH
004	TF	MO823	-	076 (081.06)	1.50	-	+3000 ft	-	-	RNP APCH
005	TF	RW08	Y	076 (081.24)	8.17	-	@391 ft	-	-3.0°/50	RNP APCH
006	CF	MO833	Y	076 (081.32)	3.12	L	-	-200	-	RNP APCH
007	DF	MO834	-	-	-	R	-	-220	-	RNP APCH
008	TF	MO836	-	010 (014.78)	7.20	-	+3000 ft	-	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
MO804 (IAF)	52°30'01.8"	020°17'04.4"
KUXEN (IAF)	52°24'27.7"	020°11'54.4"
OGRAR (IF)	52°25'05.4"	020°18'21.5"
GODIL	52°25'28.9"	020°22'23.5"
MO823 (FAP/FAF)	52°25'42.9"	020°24'49.4"
RW08 (MAPt)	52°26'58.2"	020°38'01.3"
MO833 (MATF)	52°27'26.6"	020°43'04.1"
MO834 (MATF)	52°34'17.6"	020°42'38.3"
MO836 (MAF)	52°41'14.7"	020°45'39.0"

## SBAS FAS Data Block Coding Data

EPMO RNAV (GNSS) RWY 08	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1
Airport Identifier:	EPMO
Runway:	08
Runway Direction:	0
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E08A
LTP/FTP Latitude:	522658.2400N
LTP/FTP Longitude:	0203801.3000E
LTP/FTP Ellipsoidal Height (metres):	135.0
FPAP Latitude:	522710.5440N
Delta FPAP Latitude (seconds):	12.3040
FPAP Longitude:	0204012.1390E
Delta FPAP Longitude (seconds):	130.8390
Threshold Crossing Height:	50.0
TCH Units Selector:	0
Glidepath Angle (degrees):	3.02
Course Width (metres):	105.00
Length Offset (metres):	0
HAL (metres):	40.0
VAL (metres):	35.0

Output Data	
Data Block	10 0F 0D 10 05 08 00 00 01 38 30 05 80 46 82 16 A8 E2 DA 08 46 19 20 60 00 2E FE 03 F4 01 2E 01 64 00 C8 AF 77 F1 BE 42
Calculated CRC Value	77F1BE42

Required Additional Data (not CRC wrapped)	
ICAO Code	MO
LTP/FTP Orthometric Height (metres)	103.9
FPAP Orthometric Height (metres)	103.9