

**Wrocław - Strachowice
RNAV (GNSS)
RWY 11 (CAT A/B/C/D)**

EPWR RNAV (GNSS) RWY 11 FROM WR604

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	WR604	-	-	-	-	+4500 ft	-	-	RNP APCH
002	TF	WR603	-	112 (115.64)	5.00	-	+3000 ft	-	-	RNP APCH
003	TF	WR602	-	112 (115.73)	5.29	-	-	-	-	RNP APCH
004	TF	WR601	-	112 (115.83)	1.50	-	+1700 ft	-	-	RNP APCH
005	TF	RW11	Y	112 (115.86)	3.91	-	@454 ft	-	-3.0/50	RNP APCH
006	CF	WR653	Y	112 (115.94)	16.82	-	+3000 ft	-	-	RNP APCH

WAYPOINT IDENTIFIER	COORDINATES	
	WR604 (IAF)	51°13'21.1"N
WR603 (IF)	51°11'11.2"N	016°36'38.9"E
WR602	51°08'53.3"N	016°44'13.1"E
WR601 (FAP/FAF)	51°08'14.1"N	016°46'21.7"E
RW11 (MAPt)	51°06'31.7"N	016°51'57.0"E
WR653 (MAF)	50°59'08.3"N	017°15'53.3"E

SBAS FAS Data Block Coding Data

EPWR RNAV (GNSS) RWY 11	
Input Data	
Parameters	Values
Operation Type:	0
SBAS Provider:	1
Airport Identifier:	EPWR
Runway:	11
Runway Direction:	0
Approach Performance Designator:	0
Route Indicator:	
Reference Path Data Selector:	0
Reference Path Identifier:	E11A
LTP/FTP Latitude:	510631.6900N
LTP/FTP Longitude:	0165156.9800E
LTP/FTP Ellipsoidal Height (metres):	163.9
FPAP Latitude:	510556.2600N
Delta FPAP Latitude (seconds):	-35.4300
FPAP Longitude:	0165352.6500E
Delta FPAP Longitude (seconds):	115.6700
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 12 17 10 05 0B 00 00 01 31 31 05 14 FB EE 15 68 EF 3C 07 67 1A 34 EB FE AC 87 03 F4 01 2C 01 64 00 C8 AF 07 17 8D 96
Calculated CRC Value	07178D96

Required Additional Data (not CRC wrapped)	
ICAO Code	WR
LTP/FTP Orthometric Height (metres)	123.2
FPAP Orthometric Height (metres)	123.3