



2023 CHARGES FOR NAVIGATION SERVICES IN FIR WARSZAWA

Polish Air Navigation Services Agency (PANSNA) provides air navigation services to all users of the Polish airspace (FIR Warszawa) and is entitled to recover costs related to the provision of services in the course of collection of air navigation charges as follows:

1. En-route air navigation charge (**ENR**)
2. Terminal navigation service charges (**TNC**).

1. **ENR - charges for En-route navigation services with effect from 1st January 2023**

The Global **Unit Rate (UR)** approved for En-route air navigation services within the Polish airspace valid from 1st January 2023 amounts to **EUR 44,38** - comprising of the Basic Unit Rate amounting to PLN 209.96 (equal to EUR 44.29 at exchange rate 1 EUR = 4.74077 PLN) and EUR 0.09 of administrative charge per Service Unit, levied by the Central Route Charges Office (CRCO) of EUROCONTROL for partial coverage of the maintenance costs of multilateral route charging system. The ENR charge for the services provided within the Polish charging zone is calculated, billed and collected on behalf of PANSNA by CRCO, taking account of three basic elements: the distance factor in the charging zone, the aircraft weight factor and the Global Unit Rate applicable in the charging zone:

$$\text{ENR charge} = \text{distance flown in km}/100 * \sqrt{(\text{MTOW}/50)} * \text{monthly Global Unit Rate}$$

For calculation of the actual price of En-route air navigation services in the charging zone please use the monthly updated UR for Poland, which is adjusted each month by applying the average monthly exchange rate of EUR against PLN, as established for the month preceding the month during which the flight has been performed.

In case of delay in payment of En-route charges the applicable rate of interest on late payment of En-route charges as from 1st January 2023 is **9,97%** p.a.

More details concerning calculation, billing and collection of ENR charge as well as the current and historical monthly adjusted Unit Rates are available at the CRCO pages of EUROCONTROL's public website: <https://www.eurocontrol.int/crco>.



2. TNC - charges for terminal navigation services with effect from 1st January 2023

The two **Terminal Charging Zones** (CZ) in FIR Warszawa have been approved by the minister responsible for transport on 21st June 2019 for the period from 1st January 2020 to 31st December 2024. Accordingly, the two following **Terminal Unit Rates** (for CZ 1. and for CZ 2.) have been approved on 9th December 2022 by the President of Polish Civil Aviation Authority and shall be used for the calculation of terminal charges for services provided from 1st January 2023 till 31st December 2023:

CZ 1. **PLN 505.43** - for Warsaw Chopin Airport (EPWA) and

CZ 2. **PLN 1249.75** - for the following airports:

BYDGOSZCZ (EPBY)
GDAŃSK IM. LECHA WAŁĘSY (EPGD)
KATOWICE - PYRZOWICE (EPKT)
KRAKÓW - BALICE (EPKK)
LUBLIN (EPLB)
ŁÓDŹ (EPLL)
OLSZTYN - MAZURY (EPSY)
POZNAŃ - ŁAWICA (EPPO)
RADOM - SADKÓW (EPRA)
RZESZÓW JASIONKA (EPRZ)
SZCZECIN GOLENIÓW (EPSC)
WARSZAWA/MODLIN (EPMO)
WROCŁAW STRACHOWICE (EPWR)
ZIELONA GÓRA - BABIMOST (EPZG)

On a point of clarification – the TNC unit rates applicable to the services provided from 1st January 2022 till 31st December 2022 amounted to PLN 450.75 (CZ 1.) and PLN 1094,96 (CZ 2.).

TNC charges are calculated, billed and collected by PANSNA autonomously, taking account of two basic elements: the aircraft weight factor and the Terminal Unit Rate applicable in the CZ, according to the following formula:

$$\text{TNC charge} = \text{Terminal Unit Rate} * (\text{MTOW}/50)^{0.7}$$

In case of any queries please email – re the ENR charge issues: r3.crco@eurocontrol.int, re the TNC charge issues: aerosales@pansa.pl. Contact information can also be found on each invoice issued by CRCO or by PANSNA.

For more details concerning the application and recovery of charges for the air navigation services provides within the Polish Airspace please refer to the AIP Poland - https://www.ais.pansa.pl/aip/pliki/EP_GEN_4_2_en.pdf.