



Ground Support Equipment from WCBKT S.A. at the Polish Civilian and Military Airports

• Taurus Ground Power Units were used to support the Air Force One aircraft during the visit of US President Donald Trump to Poland in 2017. Photo: Jarosław Wójcik.

For years, Central Military Bureau of Design and Technology (WCBKT S.A.) has been supplying the Polish Armed Forces, and more recently also a wider range of civilian users, with aircraft ground support equipment (GSE).

The devices designed and manufactured in the company are used to support all types of aircraft, including VIP passenger aircraft for transporting the most important people in the country. The company, maintaining the position of a leading supplier in the area of military equipment for ground support of aircraft, provides constantly improved set of devices:

- » to supply on-board systems with electricity,
- » to fill onboard installations with compressed oxygen, nitrogen and air,
- » for checking the technical condition of aircraft hydraulic systems, complementing

operational fluid and its filtration in these systems.

Additionally, WCBKT S.A. carries out maintenance services for all customers to whom they have delivered their equipment, which allows to maintain efficiency throughout the whole life cycle of delivered devices.

Last year, the company accomplished following achievement for military units:

- » contract with the Armaments Inspectorate covering the supply of LUZES V/N airport power supply unit for aircrafts on a towing-adapted chassis and LUZES V/D on Jelcz truck, as well as LDT/N airfield oxygen distri-

butors, LDA/N airport nitrogen distributors and LDP/N airport air distributors;

- » order made by the Aeronautical Engineering Division of the 3rd Regional Logistic Base for the delivery of GPU Luzes V/D at Jelcz trucks, LDT/N oxygen distributors, LDA/N nitrogen distributors, LDP/N air distributors and LSP/N air compressors;
- » deal with the 3rd Regional Logistic Base for the execution of over 500 services. Equipment offered by WCBKT S.A. is widely used in military airport to service all types of aircraft and helicopters, including MiG-29, Su-22, Mi-17, Mi-24, W-3 Sokół, M-28 Bryza, TS-11 Iskra, CASA C-295.

In the first half of 2018, in one of the announcements the Armament Inspectorate stated that "in air units of the Polish Armed Forces we were using 88 LUZES V/N and LUZES V/D ground power units, 21 LDT/N airfield oxygen distributors, 17 LDP/N airfield air distributors, which were developed and produced by WCBKT S.A."

At the same time, the company conducts R&D works aimed at developing new types of ground support equipment. The aim is to maximize polonization of this equipment for aircraft belonging to the Polish military aviation.

For this reason, among other things, in 2017 the company signed a cooperation agreement with BAE Systems for joint deve-

• V series Luzes V/D power supply unit on Jelcz truck supporting C-130 HERCULES aircraft. Photo: WCBKT S.A.



lopment works and training. The result of this cooperation is the acquisition of service and repair capabilities for ground support devices for F-16 and C-130 Hercules aircrafts. It should be emphasized that today some of the devices used for supporting F-16 and C-130 Hercules aircrafts are provided by WCBKT S.A.

At the turn of 2017 and 2018, GSE Delivery and Maintenance Center (CDISS NOSP) was established in the structure of WCBKT S.A. The agreement signed with BAE Systems is one of the milestones for the expansion of Center's competence with service capabilities for devices for ground support equipment manufactured by other companies.

The scope of this cooperation will be also developed in the direction that will allow WCBKT S.A. to produce new GSE devices, dedicated to the latest generations of aircraft.

As a result of the 2018 acquisition of full production and service capabilities of Airport Equipment previously offered by "ZREMB" Wojkowice company, WCBKT S.A. realized,



The fleet of devices manufactures by WCBKT S.A. in one of the air bases of the Polish Armed Forces. Photo: WCBKT S.A.

The company has also been active on the civilian market in Poland for several years. Over 20 GPU-7/90 Taurus power supply devices designed and manufactured by WCBKT S.A., are successfully used by domestic handling companies at Polish civilian airports. At the same time, the company develops its export offer covering both civilian and military markets.

The promotion of products and services offered by the company takes place through participation of WCBKT S.A. in both national and international exhibitions and fairs. Last year, the company participated, among others, at EUROSATORY and MSPO 2018 exhibition in Kielce.

This year, the company participated in IDEX exhibition in Abu Dhabi and plans to participate in Airport Show Dubai, Air Fair Bydgoszcz, MSPO 2019 and Inter Airport Europe 2019 in Munich. Regardless of these activities, representatives of WCBKT S.A. use every possible occasion to present the functionality and quality of devices produced by the company.

An example of this may be the visit to Poland of US President Donald Trump in 2017. The only ground power device allowed at that time by the American services to support the Boeing 747 Air Force One was the GPU-7/90 Taurus.

Another example is the use of LUZES II/M power supply unit, produced by WCBKT S.A. during the MSPO 2018 in Kielce, to operate the AH-64 Apache helicopter.

Therefore, WCBKT S.A. is the leader of the Polish GSE market and airport equipment, providing comprehensive solutions tailored to every type of aircraft at Polish airports, both in the military and civilian sectors, constantly expanding its product and service offer.

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among other things, a contract for the delivery of equipment for VIP aircrafts: Boeing 737/800 and Gulfstream G550. The logistics package included, among other things, passenger stairs, luggage trolleys and service platform.

Passenger stairs provided as part of the logistics package for BOEING B-737/800, for the transport of the most important people in the country. Photo: WCBKT S.A

In 2019, the company plans to manufacture and assemble over 30 devices of the cargo terminal for one of the largest handling agents in Warsaw and will continue to supply hangar and airport equipment for civil and military recipients.



GSE equipment (GPU-7/90 Taurus power supply unit and LSP3S passenger stairs) produced by WCBKT S.A. Photo: WCBKT S.A.