



Blok 2E-ME on-board integrated control and warning system "EKRAK"

The 2E-ME unit is used for presentation of messages from the block 1E on a LED display and for recording them in the operational memory. There are three luminous guides on the block 2E (FAIL, TURN, MEMORY), two buttons for block menu operation and connection (DATA) which enables data readout from the internal memory.

The block 2E-ME kit consists of:

- > block 2E-ME;
- > service manual.

The additional equipment of block 2E-ME consists of:

- > external memory 2E-MP (1 unit per 4 aircraft);
- > memory reader 2E-MC with connection cable;
- > software.

Advantages of the 2E ME block use:

- > full compatibility with the block 2E-01;
- > the possibility of recording up to 500 messages in the internal memory of the block 2E-ME (twice as much as on LM-35P tape of the block 2E-01);
- > the possibility of viewing recorded messages on the 2E ME block display;
- > ergonomics and operating comfort;
- > safe data archiving and documentation on a computer or printout;
- > szybkie odtwarzanie i analiza wyników sprawdzeń w komputerze lub na wydruku;
- > quick playback of check results on a computer and printout;
- > elimination of an expensive LM-35P tape use;
- > lack of necessity of periodical works performance (e.g. cleaning of print head needle, cleaning of a roller pressing a tape, adjustment of a supply spool clutch, etc. in the block 2E-01).

COMPANY
CATALOGUES



WOJSKOWE ZAKŁADY LOTNICZE NO. 2 S.A.

Szubińska 107
85-915 Bydgoszcz, Poland

phone: +48 52 36 28 601
sekretariat@wzl2.mil.pl

www.wzl2.mil.pl/en





IFF System Interface Type CITB-29

Interface CITB-29 serves for integrating the IFF system of type e.g. AN/APX 125, DPX 7 with the existing systems on aircraft like: C-130, C-295, or MiG 29. It may also be applied on other kinds of aircraft equipped with a transponder or interrogator of the IFF system.

The interface enables to process and select data for modes: M1, M2, M3, M4, M5 Level 2, MC, and MS EHS of the IFF system. Interface CITB-29 for external communication utilizes interface MIL-Bus 1553B, ARINC429.

Interface CITB-29 complies with environmental conditions according to NO-06-A103, NO-06-A105, and NO-06-A107.



Interface CITB-29 installed on a Polish Air Force MiG-29M aircraft.

Technical parameters:

- > power supply DC: nominal +27V;
- > consumed power: max. 50W;
- > transmission type: Mil-Bus 1553B, ARINC 429, RS232;
- > discreet inputs/outputs;
- > device readiness to start operation: < 2s;
- > weight: < 2,5kg.

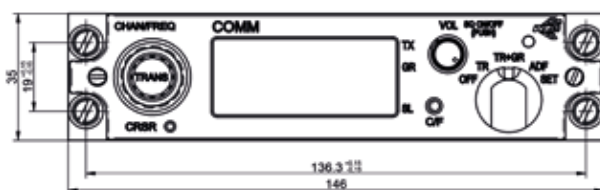




PS-COM-01 Control Panel

The PS-COM-01 control panel is used for R-862 radio station control. The unit enables memorization of up to 100 frequency channels with ascribed names, operation with two frequencies (awaiting-edited and working), direct choice of frequency, frequency monitoring via the superior panel (slave mode), as well as cooperation of the radio station and MDP mission computer (ARINC 429).

The PS-COM-01 can be also used for control of a different type of a radio station equipped with the ARINC 429 interface.



PS-COM-01 frontal panel external dimensions

The PS-COM-01 control panel fulfils environmental conditions consistent with NO-06-A103, NO-06-A105, NO-06-A107.

Technical data:

- > DC power supply: nominal +27V;
- > absorbed power: max. 10W;
- > display: alphanumeric LED [two-rowed, 8 characters in each row];
- > number of symbols/characters simultaneously displayed on the screen: 16;
- > frequency range: 100,000÷149,975MHz with a step 25kHz; 220÷399,975MHz with a step 25kHz;
- > transmission type: 2D3A, ARINC-429, RS-485;
- > readiness to work: does not exceed 2s;
- > weight: does not exceed 1kg.





T-PS-CIT-01 TESTER

T-PS-CIT-01 tester is used for comprehensive checking, periodical maintenance and fault location of PS-CIT-01 remote control unit. The tester is placed in the Explorer Cases which provides high mobility.

The T-PS-CIT-01 tester provides checking of:

- > RS485 communication between PS-CIT-01 remote control unit and peripheral devices,
- > ARINC 429 communication between PS-CIT-01 remote control unit and peripheral devices;
- > discrete input and output signals of PS-CIT-01 remote control unit;
- > keyboard and the remaining manual elements of PS-CIT-01 remote control unit;
- > backlight control systems of the PS-CIT-01 remote control unit display;
- > PS-CIT-01 remote control unit power supply.

The unit is intended for overhaul plants and air bases using PS-CIT-01 remote control unit.

The T-PS-CIT-01 tester set consists of:

- > T-PS-CIT-01 tester;
- > operation manual;
- > wireless keyboard;
- > connection harnesses.

COMPANY
CATALOGUES



WOJSKOWE ZAKŁADY LOTNICZE NO. 2 S.A.

Szubińska 107
85-915 Bydgoszcz, Poland

phone: +48 52 36 28 601
sekretariat@wzl2.mil.pl

www.wzl2.mil.pl/en





T-CITB-29 TESTER

Device TESTER T-CITB-29 serves for complex checks, periodic maintenance and troubleshooting of interface CITB-29 failures. The device has been located in a suitcase-shaped transport container Explorer Cases providing for its high portability.

The Tester is designed for MROs and aviation military units operating aircraft equipped with interface CITB-29.

TESTER T-CITB-29 provides for checking the following parameters:

- > co-operation with PS-CIT-01;
- > co-operation with CIT AN/APX-125;
- > co-operation with the navigation-targeting complex;
- > inputs/outputs ARINC 429;
- > data bus MIL-BUS-1553;
- > configuration inputs.

The TESTER T-CITB-29 device set involves the following:

- > device TESTER T-CITB-29;
- > operating manual;
- > power supply set;
- > harnesses for connection to interface CITB-29.

COMPANY
CATALOGUES



WOJSKOWE ZAKŁADY LOTNICZE NO. 2 S.A.

Szubińska 107
85-915 Bydgoszcz, Poland

phone: +48 52 36 28 601
sekretariat@wzl2.mil.pl

www.wzl2.mil.pl/en





Remote Control Unit for IFF System type PS-CIT-01

Remote Control Unit (RCU) PS-CIT-01 is used for control of IFF system type e.g AN/APX 125 on MiG 29M aircraft, DPX 7 on MiG 29UBM aircraft. It can also be used on other aircraft equipped with a transponder, interrogator of IFF system. The PS-CIT-01 enables control and selection of data for the following modes: M1, M2, M3, M4, M5 Level 2, MC and MS EHS of IFF system and displaying settings for an interrogator operation mode for AN/APX 125 unit.

For external communication, the PS-CIT-01 uses interface ARINC429 or RS485. Information is displayed on the 3ATI display with the resolution of 480x480 pixels. The PS-CIT-01 is adapted for operation on the NVIS mode. The remote control unit satisfies environmental conditions in accordance with NO-06-A103, NO-06-A105, NO-06-A107.



Remote Control Unit PS-CIT-01 installed on the Polish Air Force MiG-29M aircraft

Technical parameters:

- > DC power supply: nominal +27V;
- > power input: max. 27W;
- > communication type: ARINC 429 2xOUT/1xIN RS485;
- > readiness to work: < 2s;
- > weight: < 1kg.

COMPANY
CATALOGUES



WOJSKOWE ZAKŁADY LOTNICZE NO. 2 S.A.

Szubińska 107
85-915 Bydgoszcz, Poland

phone: +48 52 36 28 601
sekretariat@wzl2.mil.pl

www.wzl2.mil.pl/en

