

About Us

Aviatech LLC is a manufacturing plant (OEM) that specializes in production and overhaul of Flight Data Recorders BUR-1-2, its components, read-out equipment and supply of Cockpit Voice Recorders (CVR) P-503B and P-507-3BS. Besides that we provide Contract Electronic Manufacturing and Metal Machining services.

We are very proud to note that we cooperate with all major Russian and Ukrainian aircraft manufacturers, aircraft repair facilities and many aviation companies worldwide. Aviatech LLC is exporting subsidiary of Avikont LLC.

Key facts

- Established in 1981 in Estonia, Tartu.
- OEM of BUR-1-2, MU-615, SNUO-1 and other similar airborne equipment.
- Our items are delivered to Europe, Asia, Africa, North and South-America.
- Manufacturing plant is located in Estonia with specialists whose total experience is more than 750 man-years.
- Our company offers the best value for money with flexible payment and shipping terms.
- We emphasize quality - each produced item has been tested in extreme conditions after assembly. ISO certificate is currently under implementation.
- All items are covered by warranty according to Designer's Manual.
- We offer full range of maintenance and overhaul service, including delivery of spare parts.
- 24/7 AOG service.

Services

- Production and selling of Flight Data Recorders (FDR), Cockpit Voice Recorders (CVR) and its components.
- Supply of spare parts for FDR and CVR.
- Supply of avionics for Mi-8, Mi-17 and Ka-32.
- Overhaul and renovation of used onboard systems and its component.
- Maintenance of on-board systems and its components.
- Consultancy and assistance in finding required airborne equipment and spare parts.
- Support, expertise and continuous improvements.
- Quality management and Quality Assurance.

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Our values

- ★ We honour integrity, honesty, courage, good manners
- ★ We aim to be the best of the market in our services
- ★ We are always realistic and objective to our clients
- ★ We aim for long-term win-win relationships

International References

- Kazan Helicopters Joint Stock Company - supply of on-board systems BUR-1-2, P-503B, P-507-3BS and MU-615A sensors for Mi-8 and Mi-17 helicopters.
- UTair Aviation Company - supply and maintenance of on-board systems BUR-1-2 for Mi-8, Mi-17 and Mi-171 helicopters.
- Aviacor Aviation Plant - supply of on-board systems BUR-3-2 for An-74 and MSRP-A-01, MSRP-64 for TU-154 airplanes.
- Tashkent Aircraft Production Corporation - supply of on-board systems MSRP-64 for An-22 and IL-76 airplanes.
- Pawan Hans Ltd - spare parts of BUR-1-2 for Mi-172.
- Helisota Ltd Repair Plant - overhaul of BUR-1-2 items, delivery of new FDR systems.
- PANH Helicopters - new items and spare parts for Mi-8 and Mi-17 helicopters.
- The Aviahelp Group - delivery of various equipment.
- AviaZapChast - delivery of various equipment.
- LG Electronics - FDR systems for Ka-32 helicopters.

Market Presence



Our Products

On-board registration system **BUR-1-2** for following aircrafts: Mi-8, Mi-17, Mi-171, An-28, Ka-32, Ka-126, B-3. The aim of on-board registration system BUR-1-2 is to collect and register flight parametric information and store it in case of an accident.

Components:

- ПУ-25 - Control Desk
- БСПИ-4-2 - Data Acquisition Unit
- ЗБН-1-1 - Protected onboard storage device
- Ра-37К - Chassis

Main technical specifications:

- Amount of registering signals:
Analogue - 25 max.
Discrete - 48 max.
- Duration of saved recording - 40-50 hours
- Power consumption - 100W max.
- Product weight: 18.5kg (+/-1kg)



On-board registration system **BUR-3-2** for AN-74.

Components:

- ПУ-25 - Control Desk
- БСПИ-8М - Data Acquisition Unit
- БСПИ-9М - Data Acquisition Unit
- ЗБН-1-3 сер.2 - Onboard Storage Device
- Ра-55 - Chassis
- БТ-2 - Block of Transformers
- Ф-21 - Filter



Multi-channel parameter registration system

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МСРП-А-01 for aircrafts TU-154, YaK-42.

Components:

- ПУ-32 - Control Desk
- БСПИ-8М - Data Acquisition Unit
- БСПИ-9М - Data Acquisition Unit
- ЗБН-1-3 сер.2 - Onboard Storage Device
- КБН-2-2 - Cassette onboard storage device
- УПР-4 - Program device
- РУ-4 - Distribution device
- БТ-2 - Block of transformers
- Ра-54 - Chassis

Main technical specification:

- Amount of registering signals:
Analogue - 83 max.
One only commands - 128 max.
Sequential code channels - 6. max.
- Duration of saved recording:
ЗБН-1-3 ser.2 - 25h
КБН-2-2 - 17h
- Power consumption - 80wt max.
- Product weight: 46kg max.



Multi-channel parameter registration system

МСРП-64м-2(-5,-6) for following aircrafts: IL-62, IL-76, TU-154, TU-134, YaK-42, AN-22

Components:

ПУ-26, РУ-3-1, ЩР-4, МЛП-14-5, МЛП-14-6, УП-2-2, ИТВ-4, БлПК-1, ЗБН-1-3 сер.2

Multi-channel parameter registration system **МСРП-**

12-96-С2 for following aircrafts: AN-8, AN-10, AN-12, AN-24, AN-26, IL-62, Mi-10

On-board storage device **МЛП-14-3** for digital recording of the stand- and flight-tests on magnetic tape.

Specialized land device of processing **CHYO-1** (modules: УВС-3М, УВОП-1 cep.1, ГУ-1).

Specialized land device of processing "CHYO " is aimed to playback information recorded on magnetic tape of protected onboard storage device ЗБН-1-1, its decoding and representing in chart graphic forms with relative values of flight parameters and graphical depiction of once only commands on paper tape of graphical device ГУ-1.

Components:

- УВОП-1 cep.2 - Sampling, indicating and transformation device
- УВС-3М - Playback device
- ГУ-1 - Graphical device

Main technical specifications:

- Amount of parameter outlets for external registration:
 - Analogue - 6 max.
 - One only commands - 12 max.
- Amount of parameter outlets for indication - 2 max.
- Power consumption- 135wt max.
- Product weight: 27(+/-2.7kg) max.



The device of sample, display and transformation **УВОП-2**.

Vibration sensor **МВ-25** for following aircrafts: TU-134, Tu-154, IL-62, IL-76.

Engine vibration control device **ИВ-41** for IL-76, AN-8, AN-26 etc.

Recording tape **СП-13** (since 1996 model СП-13 replaces ЭП-849-ИП-ЭП-850-ИП) for onboard recording device ЗБН-1-1 (МЛП-23-1).

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Angular movement sensor MY-615A

The heat-resistant potentiometrical sensor of angular movement MY-615 is used to measure the angular movement of planes' control units and transform them to electrical values.

Main technical specifications:

- Potentiometer's drive angle movement in degrees:
 - working - +/-30(+/-2)
 - full - +/-60(+/-2)
- Working temperature (C) range - from -60 to +150
- Power source - 6(+/-0.5)v DC
- Potentiometer's resistance - 700 (+/-200)(Ohm)



Cockpit Voice Recorders **П-503Б(БС,БЗ)** for automated recording of onboard communication. Used on aircraft and helicopters depending on modification (Mi-8, Mi-17, Mi-171, Mi-172, Ka-32 etc). Replaces recording device MC-61.

Main technical specifications:

- Working temperature (C) range - from -60 to +60
- Duration of continuous recording - 9hrs
- Recording speed - 100±10 mm/sec
- Power - 27±2,7 V
- Lifetime - 20000hrs, 30 years, 4 overhauls



Cockpit Voice Recorders **П-507-3БС** for automated recording of onboard communication. Used on aircraft

and helicopters depending on modification (Mi-8, Mi-17, Mi-171, Mi-172, Ka-32 etc).

Components:

- 78A-20 – recording device
- 78A-80 – unit “cassette”
- УсМ-1 – microphone amplifier
- УМД-1
- УС-А
- 78А-90-1
- 78А-220 etc

Device **П-504Н(НУ, НЗ)** for playback recorders П-503Б(БС,БЗ) and МС-61, МС-61Б.



Device **П-507-3НВ** (p/n ЛЦЗ.382.077) for playback recorders П-507-3БС.

Tensometre **ИИ-11 сер.2.**

Magnetic Tape “Quantegy” 8206-27RGY(350m).

Cassette 2Ф4.200.300, СЫ5.960.035

Spare parts, maintenance and overhaul kits:

УКО-1
КЗ-63
СЫЗ.253.176-01
СЫЗ.253.176
СЫЗ.253.176-02
6Л8.390.021
6Л3.233.023
6Л3.233.023-01
БМ-28, БМ-29
БМ-18-4, БМ-18-5
БМ-33-3, БМ-33-4
БМ-33-7, БМ-33-8
Х18.21.031 ЗИ1
Х18.21.031 ЗИ2
Х18.45.018 ЗИ1
Х18.45.018 ЗИ2
Х18.45.020 ЗИ1/ЗИ2
Х18.82.003 ЗИ2
Х20.34.180 ЗИ1
Х20.34.180 ЗИ2
Х20.34.191 ЗИ1/ЗИ2
Х20.54.021 ЗИ1/ЗИ2
Х20.54.026 ЗИ1/ЗИ2
Х20.61.041 ЗИ1/ЗИ2
6Л1.500.005-9 ЗИ2
6Л2.240.020-02 ЗИ2
6Л2.390.059 ЗИ2
6Л2.390.053 ЗИ2
6Л2.390.004 ЗИ2
6Л2.769.003 ЗИ2
6Л2.817.016 ЗИ2
6Л3.035.008 ЗИ3
6Л3.035.009 ЗИ3
6Л3.038.010 ЗИ2
6Л3.430.004 ЗИ1/ЗИ2
6Л3.620.009 ЗИ1/ЗИ2
6Л3.620.011 ЗИ1/ЗИ2
6Л4.036.027-04 ЗИ1/ЗИ2
6Л4.036.027-05 ЗИ1/ЗИ2
6Л4.036.027-02 ЗИ1
ГРУП.К-Т МС-61 ХС4.070.007 (1:20)
РЕМ.К-Т МС-61 ХС4.070.008 (1:10)
ГРУП.К-Т МН-61 ХС4.070.010 (1:10)
РЕМ.К-Т МН-61 ХС4.070.009 (1:20)
ГРУП.К-Т МАРС-БМ ЛЦЗ4.079.019 (1:10)
РЕМ.К-Т МАРС-БМ ХС4.079.002 (1:5)

Other services

Due to expansion of our production facilities we are looking for new partnership opportunities.

At the request, we produce custom made PCB's, custom hardware/software programming, final assembly of products.

Our in-house capabilities are following:

1. PCB manufacturing and assembly.
2. Metal works
3. Assembly of equipment

So far, we have experience in assembly of avionics and medical equipment.

Representatives

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Pricelist

For prices please send RFQ directly to us or to our partners.

Contact Us

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