

Participation of Czech companies

Aero India 2019, Bengaluru

- **Aircraft Industries**

Aircraft Industries, a.s. is the only Czech manufacturer of transport aircraft with a long-standing tradition of aircraft production. The company is building on the success of business of LET Kunovice. Our core business is development, manufacture, and sales of the turboprop L 410 UVP-E20 aircraft, maintenance and sales of spare part for L-410 series. The all-metal, high-wing commuter, in its standard version, is intended for short-haul transport of up to 19 passengers and cargo. It is able to land and to take off on short runways (STOL capabilities), and to operate under extreme climatic conditions ranging from -50 °C up to +50 °C. Depending on its equipment, it is suitable for various purposes. Since 1969, more than 1,200 aircraft in the L-410 series have been produced. In 2018 we launched serial production of L 410 NG which is an upgraded version of L 410 UVP-E20 with better flight performance characteristics. We are interested in long-term cooperation with regional airlines to build mutual success.

Represented by: Mr. Tomáš Mertl

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- **ATG - Advanced Technology Group**

Business Line: Complete solution for NDT – personnel qualification acc. to EN4179/NAS410, equipment, systems, NADCAP support, NDT Level II and Level III services and other special processes (Cleaning, Etching).

Profile: Engineering company, 120 employees, NDT equipment, services and personnel qualification, located in Prague, Czech Republic.

Seeking for cooperation: looking for top level Indian or foreign companies located in India which are looking for cost efficient and high quality solutions for NDT. We are able to offer any NDT solution, including qualification, equipment and services.

Represented by: Mr. Ondřej Doubek

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- **CATC – Czech Aviation Training Centre**

Czech Aviation Training Centre (CATC) is a Czech company with a long-time tradition in aviation personnel training. Applicants for a career in aviation and aviation professionals have the use of a perfectly equipped training centre at Václav Havel Airport Prague with a team of experienced and motivated instructors. CATC's subsidiary, CATC India (Czech Aviation Training Centre India), was founded in December 2014, having its seat in New Delhi. CATC provides airlines and individuals not only type ratings and recurrent trainings for Airbus A320 Family (both, NEO and

CEO versions), Boeing 737 Classic & New Generation including MAX version, ATR 42/72 and Let L-410, but also ab initio training for individuals – ATPL course covered by Type rating and as well an airline dedicated ab initio training ACPP (Airline Cadet Pilot Program) compiled according to the requirements of the airline in accordance with the requirements of DGCA.

CATC offers also cabin crew, technical staff training and trainings for Aviation Security, IATA/ICAO Cargo and Dangerous Goods, Aviation English, etc..

Represented by: Mr. Marek Jechumtál

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- **DEFCON**

DEFCON s.r.o. is fully licensed company, focused on implementation of cutting-edge technologies and training of military personnel for the armed and security forces worldwide.

We provide solutions to the challenges of rapidly changing recent battlefield to get ready for the scenarios and combat means of the future one. Small team of military and security professionals will provide tailor-made solution for your service and its personnel and prepare them for the threats to come.

India, the emerging global military and economic superpower, is gaining its important place in the research and development as well. Our company is interesting in all advanced products, intended for training and operations of modern armed and security forces, especially in the field of mission avionics and modern simulation technologies.

Represented by: Mr. Petr Markvart

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- **ELDIS**

ELDIS Pardubice, s.r.o., established in 1991, is the best Czech producer of active radar systems. The company scores worldwide in the area of Air Traffic Control and Air Defence and is dedicated to developing, manufacturing and managing state of the art radar systems and technologies. Main products are Primary Surveillance Radar RL-2000, Monopulse Secondary Radar MSSR-1 and fully solid-state Precision Approach Radar PAR-E. These systems have already been supplied to more than 25 countries and serve both civil and military users. ELDIS systems cover more than 90% of Indian air space and control the vast majority of all commercial flights.

Represented by: Mr. Petr Krejcar

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- **GE Aviation Turboprops**

The GE H Series turboprop engines combine enhanced performance and operability with maintenance simplicity to deliver rugged, reliable power for a range of applications all around the world: agricultural, business turboprops, aerobatic turboprop trainers, commuter and utility aircraft. Featuring power output options from 550 to 850 SHP for both take off and maximum continuous operation, the H Series is efficient power solution to meet the requirements of the L-410 series.

- 3D aero blade design for high efficiency and less fuel burn
- No fuel nozzles, no HSI required
- 1040 Thermo HP for hot day take-offs and high altitudes take-offs
- Up to 4,000 hours TBO
- Built to handle harsh conditions and extreme environments
- Optional: Electronic Engine and Propeller Control system

GE H Series is manufactured in GE Aviation Czech in Prague, GE's headquarters for its business and general aviation Turboprop market segment, where the all-new GE Catalytic engine is being developed and tested.

Represented by: Mr. Arnaud Porsenna

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- **LAC - customized composite products**

Business Line: complex services from design up to serial production of composite parts. Key technology is lay-up of prepreg lay-up into the mould and curing in autoclave or oven. Aircraft/Helicopter Interior/Exterior/Structural parts, Special mission applications.

Profile: member of ATG group, 70 employees, production and testing of composite materials, located in Prague, Czech Republic.

Seeking for cooperation: looking for companies with demand on composite components from defence, aerospace and other transportation industry, including repair of composite materials.

Represented by: Mr. Tomáš Zavadil

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- **NG Aviation SE**

Business Line: Aeronautical Information Management based on AIXM 5.1 with Digital NOTAM according to new Annex 15.

Profile: NG Aviation SE is focusing on bringing new state-of-the-art solutions into the field of digitization of aeronautical data. Our global project called (Aeronautical Information Management Environment) AIME is unique platform for digitization of aeronautical data, which allows customers - airports, air navigation service providers, airlines to manage data and optimize processes in the company. Real Time Aeronautical data has geographical representation which significantly improves efficiency and safety.

NG Aviation is part of the European Space Agency. We also got contract with ESA for the Smart airports project for 4 European airports.

It is noteworthy to mentioned that nowadays NG Aviation and AIME project is unique software solution, which follows the newest International Civil Aviation Organization requirements Annex 15.

Seeking for cooperation: We collaborate with several partners worldwide and have activities in Asia, Middle East and Europe. Our biggest customers are AirNav Indonesia (managing 600 airports) and Czech Air Force. We look for new customers.

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- **PBS Velká Bíteš**

PBS Velká Bíteš is a member of PBS GROUP - stable, high quality and innovative engineering company that has been active in the field of high precision engineering for over 200 years.

The key area for PBS Velká Bíteš is aerospace engineering: in-house development, production, testing and certification of small turbojet, turboprop and turboshaft engines, Auxiliary Power Units (APU) and Environmental Control Systems (ECS). PBS turbojet engines offer a guaranteed thrust range of 400 – 1,500 Newtons and an excellent thrust-to-weight ratio. APU and ECS are proven in thousands of aeroplanes and helicopters all over the world. The PBS manufacturing programme further includes precision casting, precision machining, surface treatment and cryogenics.

With our entrance onto the Indian market, we would like to expand our successful cooperation with the suppliers of various types of unmanned aircraft which are experiencing a noticeable rise and support the Indian manufacturers of aviation applications with our know-how.

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- **RETIA**

Business Line: RETIA is a technological company that develops, produces and modernises radars, rocket and missile system components, command and control systems, UWB localization equipment and communication systems and recording system ReDat.

Profile: ReDat products provide comprehensive solutions to record voice recordings and data on computer screens and deliver systems with high added value. Reliability and technologically independent solutions for quality management, voice analysis, phone communications and radar operations together with dispatch information system integration. Within its broad portfolio, ReDat offers a secure and stable system for the ATM/ATC sector. ReDat helps improve the abilities of agents and dispatchers, lowering costs for their training and thereby streamlining operations and improving services. Our customers include major mobile network operators, large banks, important utilities, integrated rescue system units and successful commercial call centres.

Seeking for cooperation: New business opportunities.

Represented by: Mr. Marcel Šparlinek

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- **Tatra Trucks**

With 80+ years of experience in the defence industry, TATRA delivers reliable battle tested vehicles with outstanding offroad performance, reliability and mobility; resistance against twisting and bending, comfort and superior payloads thanks to independent air-suspended swinging half-axles and powertrain protected by central backbone tube. Configuration of axles, cabin, engine and transmission is possible upon customers' requests. With exception of ready-made vehicles a chassis for different purposes and finalization are available.

TATRA Portfolio: 4x4, 6x6, 8x8, 10x10, or 12x12 logistics trucks, cargo/troop and container carriers, tankers or recovery vehicles, cranes, missiles systems vehicles, firefighting vehicles or vehicles for transportation of unexploded ammunition.

Armoring is offered up to Level 3 - 3a/3b, STANAG 4569. Special chassis for MRAPs, M-ATVs, APCs are available in wide range of configuration – from command vehicles up to howitzers. The main references are e.g. TITUS by NEXTER SYSTEMS, Astros by Avibras Industries etc.

Represented by: David Pípal

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- **THT Ostrava CZ**

Business Line: teflon hose assemblies and spare parts supply for helicopters and airplanes.

Profile: THT Ostrava CZ was established in year 2000 with following core activities:

1) Manufacturing of teflon hose assemblies, designed especially for aerospace industry. We supply teflon hose assemblies for aircraft manufacturers and aircraft maintenance centers, especially "eastern" provenance - AIRCRAFT INDUSTRIES (L-410), ZLIN AIRCRAFT (Z-143, Z-242), AERO VODOCHODY (L-39, L-159), PZL Mielec (PZL M-18 and M-28), Mil and Kamov helicopters, Beriev, Tupolev, ROSKOSMOS. All Czech and Polish Mi helicopters (Air Force) have been equipped with our teflon hoses, as a part of their upgrading.

2) Spare parts supply for helicopters and airplanes. Thanks to a very good relationship with the manufacturers, we are able to provide almost all spare parts for the aircrafts mentioned above.

Seeking for cooperation: We would like to offer our service to both civilian and military operators of the above-mentioned aircrafts and especially those of Mil and Kamov helicopters.

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- **Defence and Security Industry Association of the Czech Republic (DSIA)**

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Defence and Security Industry Association of the Czech Republic (DSIA) associates Czech companies engaged in research, development, production, trade and marketing of the military and security equipment, material and services.