

# Training Course on Civil Aviation Aircraft Maintenance Personnel from BRI Countries Project Description

Full Name	Training Course on Civil Aviation Aircraft Maintenance Personnel from BRI Countries		
Organizer	Jiangxi Vocational College of Foreign Studies		
Joint Unit	Jiangxi Aviation Vocational And Technical College		
Holding Time	November 7st – November 27st, 2023	Language	English
Invited Participants	Civil Aviation Aircraft Maintenance Personnel from BRI Countries		
Planned Number of Participants	30		
About the Participants	Age	Under 45 years old.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	Fluency in listening, speaking, reading and writing in English	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Nanchang City, Jiangxi Province	Local Temperature	Autumn: 10°C-18°C
Cities to Visit	Xiamen City of Fujian Province; Jingdezhen City of Jiangxi Province	Local Temperature	Xiamen City: 16°C~24°C Jingdezhen City: 8°C~19°C
Notes	<ol style="list-style-type: none"> <li>1. Please prepare valid passport and visa in advance.</li> <li>2. If you are unable to depart under special circumstances or your flight delays when transfer, please timely inform project contact of the latest flight status so that we can arrange for pick-up.</li> <li>3. Changing international air ticket is not allowed in principle, if you indeed need, please contact Economic and Commercial Office to apply for changing ticket. The costs and responsibilities arisen from unauthorized changing will be borne by you.</li> <li>4. Please confirm whether you need to have luggage checked for transfer; when you arrive in Nanchang, please take all luggage and wait at domestic arrival exit. Our staff will hold a</li> </ol>		

	<p>pickup sign indicating “Jiangxi College of Foreign Studies” to pick you up. If you wait for more than 15 minutes, you may call our contact.</p> <p>5. If you lose your checked luggage, please register with the airline. Before the registration, please call the contact first to confirm the luggage delivery address.</p> <p>6. Please pay attention to the temperature of the host city, and carry appropriate clothes; please prepare comfortable shoes for visit; formal wear or national dress is required for important activities of the seminar.</p> <p>7. Please take along small quantity of commonly used drugs.</p>
Contact of the Organizer	<p>Project or Pick-up Contact:  Huang Chaoyun  Office Phone: 0086-0791-88241067  Cell Phone: 0086-15079009757  Fax: 0086-0791-88352841  E-mail: wywmpxxz@163.com</p>
Contact of the Joint Organizer	<p>Project or Pick-up Contact:  Ms. Wan Junling Cell-phone: 0086-18607007645  Ms. Song Bei Cell-phone: 0086-15979109261  Office Phone: 0086-791--88491684  Fax: 0086-791-88491684  E-mail: 117519614@qq.com</p>
About the Organizer	<p>Jiangxi Vocational College of Foreign Studies is the only higher vocational college dominated by training foreign language and foreign economic and trade application-oriented talents in Jiangxi Province, it is a co-developed college of the People’s Government of Jiangxi Province and the Ministry of Commerce of China and one of the first batches of MOFCOM Training Bases for International Business Officials. The college is a national high-quality higher vocational college, and one of the first batches of Demonstrative Higher Vocational Colleges in Jiangxi Province. It was awarded the title of one of Top 50 Vocational Colleges of International Influence of China for two consecutive years.</p> <p>The college now has more than 15,000 students, and sets up 47 majors, involving 11 languages including English, French, Arabic, Spanish, Portuguese, Russian, etc. Meanwhile, it has a fully equipped hotel integrating training, teaching, conference and leisure, with strong reception capacity.</p> <p>The college has been the organizer of foreign aid training projects since 2010, covering over 10 fields such as public administration, energy and minerals, trade and economy, manufacturing industry, party and government, business services, water conservancy and environmental management, culture and sports, transportation and logistics, and financial industry. And these projects involve technical training courses and seminars at ministerial and director’s level. By the end of December 2022, the college had successfully organized 230 foreign aid training projects, including 43 projects organized online, and had trained 6,023 international business officials from 134 countries and regions. Abundant experience in foreign aid training has laid a solid foundation for the college to continue to undertake national tasks for foreign aid training.</p>

<p>About the joint unit</p>	<p>Jiangxi Aviation Vocational And Technical College is the only vocational college with aviation manufacturing enterprise background in Jiangxi Province. The College has complete teaching facilities, and is equipped with 32 experimental training rooms and 1 comprehensive training center for aircraft manufacturing. Relying on the advantages of aviation enterprises, the College has 20 enterprise training bases for aircraft assembly and debugging, aircraft repair and maintenance, avionics maintenance, CNC machining, mold manufacturing, aviation logistics, computer technology and electromechanical technology, and the “China Training Base”, an aircraft maintenance project of the World Skills Competition with an area of 5,400 square meters. The College is a national teacher practice base and a national training base for senior skilled personnel. Focusing on the civil aviation field, it has developed more than 300 excellent civil aviation courses, and regularly carried out various national and provincial training projects every year, which has won unanimous praise from the industry. At the same time, it undertakes the training project of China Training Base for Senior Skilled Personnel of Aviation Industry every year, and regularly trains more than 500 professional and technical personnel for China civil aviation every year. It actively carries out training for civil aviation maintenance practitioners off the campus: training courses for civil aviation maintenance personnel of Hongdu Aviation Group, training courses for civil aviation maintenance personnel of Commercial Aircraft Corporation of China, training courses for all kinds of civil drone maintenance personnel, etc., with an average annual external training volume of more than 4,000 civil aviation maintenance people. At the same time, it trains more than 200 civil aviation maintenance teachers in vocational colleges every year. It boasts good conditions and rich experience for training civil aviation maintenance personnel.</p>
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Seminar Content	<p>The seminar will organize lectures, professional internship and practice, on-site instruction and field trip, which will be informative and focused. At the same time, the participants will visit relevant enterprises for learning and exchanging, which is a combination of theory and practice to share the Chinese experience with the participants in a comprehensive manner.</p> <p><b>1. Lectures and contents introduction</b></p> <p>(1) National Conditions of China: introduce the current development, development concepts and development initiatives of China;</p> <p>(2) China’s Reform and Opening-up: introduce the history, enlightenment and theoretical contribution of China’s reform and opening-up;</p> <p>(3) Economic and Trade Cooperation under the “Road and Belt Initiative” and the Economic Development of China’s BRI Regions: introduce the economic and trade cooperation development of BRI countries since the proposal of the BRI, and the foreign trade growth of China’s BRI regions;</p> <p>(4) Aircraft Maintenance Basis: know about airworthiness requirements of aircrafts, airworthiness management and rules and regulations related to airworthiness maintenance; know about the development history of civil aviation maintenance, type of maintenance, documents for maintenance and maintenance methods, as well as how to manage maintenance; know about maintenance personnel’s qualification, working style and requirements, and have the ability to master the method to analyze human errors in maintenance.</p> <p>(5) Maintenance Manual: take Boeing aircraft as an example to introduce maintenance technical documents, including manuals like AMM, IPC, WDM, SWPM, etc. Through manual learning, participants may be familiar with technical document system of aircrafts, basic structure, content and usage of manuals.</p> <p><b>2. On-site instruction and professional internship and practice</b></p> <p>Practical training of aircraft maintenance skills: mainly include aviation maintenance safety protection and maintenance specifications, the use of common tools and gauges, aviation fasteners introduction, disassembly and insurance, rigid/flexible pipe line construction, inspection and calibration of transmission components, protection and standard line construction of electrostatic discharge sensitive device (ESDS). Through practical training, trainees will master the basic skills of aircraft maintenance and be able to complete the above basic work independently.</p> <p>(1) Aviation Fasteners Introduction, Disassembly and Insurance: practical training projects include disassembly of threaded fasteners, operation of fuses, operation of cotter pins, operation of safety plate, etc.</p> <p>(2) Rigid/Flexible Pipe Line Construction: practical training projects include inspection, disassembly and assembly of common flexible and rigid pipes, insurance of pipe joints, etc.</p> <p>(3) Inspection and Calibration of Transmission Components. Practical training projects include types of transmission components and their inspection, soft transmission component calibration, hard transmission system calibration.</p> <p>(4) Protection of Electrostatic Discharge Sensitive Device (ESDS): practical training projects include the principle of electrostatic discharge, hazards and anti-static marking, the use and testing of anti-static wristbands, electrostatic protection equipment and facilities and protective measures.</p> <p>(5) Standard Line Construction: practical training projects include wire/cable marking, bundling</p>
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of wire bundles, splitting, support, laying and protection, introduction and use of standard line construction tools, lug clamping protection and installation, insulation removal, use of heat shrink tools, lug clamping, protection and ground stud installation, introduction of connectors and their assembly, connectors, terminal blocks, relays, circuit breaker, indicators and switch assembly classification and replacement exercises, wire/cable repair, shield ground production and protection, etc.

### **3. About the lecturers**

- (1) Rao Guisheng: Jiangxi Vocational College of Foreign Studies, Professor
- (2) Gan Jiahui: Jiangxi Normal University, Associate Professor
- (3) Li Feng: China Foreign Affairs University, Associate Professor
- (4) Liu Lingen: Jiangxi Aviation Vocational And Technical College, Senior Technician
- (5) Xie Chunrong: Jiangxi Aviation Vocational And Technical College, Senior Technician

### **4. Field Trip Introduction**

- (1) Pay a visit to Jiangxi Aerial Forging Co., Ltd. in Jingdezhen for the investigation of the development of aerial forging technology;
- (2) Pay a visit to Aircraft Maintenance 147 Certification Training Center of Xiamen Taikoo Aviation Company for investigation.

### **5. Participants preparation**

- (1) Self-introduction of the organization and career background.
- (2) Introduction of the management and organizational structure.