

Information Sheet of COMAC C919 and ARJ21 Aircraft

I. C919 Aircraft Information

The C919 is a large passenger aircraft developed by COMAC strictly designed, manufactured and certified in accordance with international civil aviation regulations. It is a significant strategic project for the Chinese national long-term and medium-term science and technology. The aircraft is capable of operating medium range destinations carrying up to around 190 passengers, similar passenger carrying capacity and range of operations to that of Airbus A320 and Boeing 737 aircraft. The first commercial C919 aircraft was delivered to China Eastern Airlines in December 2022 and it came into service in 2023. As of November 2023, COMAC has more than 1,000 orders for the C919 aircraft.



CAD's Active Participation in the C919 Project

At the invitation of the Civil Aviation Administration of China (“CAAC”), CAD participated in the C919 aircraft certification project starting from 2012 in the areas of initial certification and continuous airworthiness. The C919 aircraft obtained the CAAC’s Type Certificate on 29 September 2022. Since 2019, the CAD had been actively participating in the C919 evaluation activities (including flight crew qualification specification, master minimum equipment list, scheduled maintenance requirements and passenger cabin emergency evacuation demonstration), and had joined various evaluation boards and expert working groups. Moreover, a CAD flight operations expert had been deployed to Shanghai for two months to take part in the critical T5 test in evaluating the flight crew training.

The participation provided an opportunity for the CAD to contribute by sharing our international knowledge and experience in the process of aircraft certification, operation and maintenance. The CAD is proud to have contributed to this national aircraft program.



CAD's Captain Joe Lee (third from right) and other flight experts participating in the C919 flight test took a group photo in front of the C919 aircraft.

II. ARJ21 Aircraft Information

The ARJ-21 (Advanced Regional Jet for the 21st Century) is the first narrow body (single aisle) regional jet aircraft developed by COMAC. The aircraft has two series (models) capable of operating short and medium range destinations carrying up to around 100 passengers. It came into commercial service in 2016 by Chengdu Airlines. As of today, over 100 aircraft are in service operated by 9 airlines. In addition to carrying passengers in public transport airline operations, ARJ-21 also has launched business jet and freighter models of the aircraft.

CAD's Participation in the ARJ-21 Project

Similar to the C919 project, CAD participated in the ARJ21 aircraft certification project starting from 2007 in the areas of initial certification and continuous airworthiness at the invitation of CAAC. The participation provided an opportunity for the CAD to contribute by sharing our international knowledge and experience in the process of aircraft certification and maintenance. The CAD is proud to have contributed to this national aircraft program.

