FACT SHEET:
TURKISH REGIONAL AIRCRAFT PROJECT

ABOUT THE PROJECT

A Memorandum of Understanding has been reached involving the Turkish Ministry of Transport, Maritime Affairs & Communications to produce the country's fırst regional jet as part of its Regional Aircraft Project ("Project").

The Project utilizes a modernized version of the Dornier 328 (D328), the TRJ328, as a stepping-stone toward production of the Republic of Turkey's first domestically-designed passenger aircraft, the TRJ628. The Project opens a new page for the Turkish aviation and aerospace industry, as well as the global aviation market, and the 628 marks the first domestically-produced regional jet in Turkish history. It will be built and certified at a new commercial facility in Ankara, owned by a subsidiary of SNC and using significant investments by SNC.

Savunma Sanayi Mustesarligi (SSM) is the lead Procurement agency and Savunma Teknolojileri Muhendislik (STM) is the lead organization for Contract Administration.

U.S.-based Sierra Nevada Corporation (SNC), a privately-held aerospace and aviation integration company held by U.S. couple Eren and Fatih Ozmen, owns the Dornier 328 intellectual property (IP) and assets. The aircraft fills a niche market for direct and frequent flights between small cities in the country that is currently not feasible using larger airplanes. According to market analysis, the aircraft is expected to meet a large demand for both domestic and international needs as it is released to the global market.

TURKISH AVIATION INDUSTRY'S ROLE

Domestic aviation companies including Turkish Aerospace Industries (TAI), Aselsan, TEI, Havelsan, Alp Aviation, Kale Aviation, Turkish Cabin Interior Inc. (TCI), and others are expected to participate in the project in coordination with SNC, SSM and STM in manufacturing of the subsystems of the aircraft, which will be produced in Turkey. The companies are set to leverage existing capabilities with technology and know-how sharing with Germany and the U.S.

As Turkey's aviation and aerospace industry continues to gain momentum domestically, special incentive funds are being provided to help increase the capabilities of local companies and engage those who are not currently operating in the aviation industry, but have capabilities applicable to the project. The goal is to direct Turkish industrialists and engineers to focus on and develop these areas to ensure Turkey has the capability to create an economically feasible aircraft.

TIMING

While aircraft development typically requires 12-14 years from inception to completion, the Project starts from a better position due to the existing certified, globally-operational and -accepted aircraft from which the aircraft is being modeled. To achieve an accelerated timeline, enhancements are being made to the flight deck, future-proofing the aircraft and power systems. The first 32-seat aircraft is scheduled to take flight in approximately three years.

During this time, an original regional aircraft is set to begin design and manufacturing; the TRJ628. This enables Turkish Regional Aircraft Project participants to reduce the development time significantly.

ECONOMIC IMPACT

Progressively up to 500 people are needed to work in the factory, which will also employ significant numbers of the Turkish population via indirect employment opportunities. Typically, in the aviation industry, indirect employment has a multiplier effect of 5+.

ABOUT THE AIRCRAFT

TRJ328™

The 328 is currently certified in **85 countries** around the world, and is in use in many countries including the United States, Switzerland, Germany, U.K. and Denmark. Currently, there is an increasing demand around the world for an aircraft of this passenger capacity.

The TRJ328 has a normal seating capacity of 32 passengers with the possibility of a turboprop or jet engine. The maximum range of the standard Jet aircraft is approximately 1,500 nautical miles with a typical range of 900 nautical miles (1,600 km) with a full passenger load. The maximum range of the standard turboprop aircraft is 1,850 nautical miles with a typical range of 800 (1,500 km) nautical miles. In addition, it is possible to add extended range tanks to the Jet version, increasing its maximum range up to 2,200 nautical miles (3,500 km). This is typically for VIP aircraft only.

With modification, the 328 may also be used for purposes outside of passenger transportation, including as cargo aircraft, military mission aircraft, maritime patrol aircraft and air ambulance.

TRJ628™

The TRJ628 features a higher seating capacity, up to double that of the 328, and also leverages the IP, assets, investments and experience of all parties involved in the partnership. The TRJ628 will be Turkey's first domestically-designed and produced regional jet.

MODERNIZED FEATURES

328 Jet Version:

State-of-the-art glass cockpit and updated systems suitable both for today's and future ATM environments
Upgraded modern interior with LED lighting and new seats
VIP option
Full-height cabin
Proven reliability and maintainability
35,000-foot ceiling

328 Turbo Prop:

Most advanced Turbo Prop in class
Fastest production Turbo Prop at 335 knots max cruise (385.5 mph)
31,000-foot ceiling, tops in class
Modern 25 percent composite design

Exceptional “Hot & High” performance
Unpaved and narrow Runway Performance
Latest-generation engine and prop improves efficiency and support costs
State-of-the-art avionics for today's and future ATM environments
Upgraded, modern interior with LED lighting and new seats
Proven reliability and maintainability

ABOUT SNC

SNC is headquartered in Sparks, Nevada, and is among the “World’s Top 10 Most Innovative Companies in Space.” Over the last 30 years, under the leadership of President Eren Ozmen and CEO Fatih Ozmen, SNC has become one of America’s fastest-growing private companies and the Top Woman-Owned Federal Contractor in the United States. With a workforce of over 3,000 personnel, SNC has 33 locations in 18 states and three locations in Europe. SNC has a reputation for rapid, innovative and agile technology solutions in electronics, aerospace, avionics, space, propulsion, micro-satellite, aircraft and communications systems.

In early 2015, SNC acquired UK- and Germany-based aircraft company, 328 Support Services GmbH (328), owner of the type certificate and IP rights for design, manufacturing, maintenance and certification of the 200 existing Dornier 328 (D328) prop and jet aircraft. 328 purchased the type certificate for the D328 jet and turboprop, as well as the Dornier 428 and other assets, in December 2005 from Avcraft, which acquired it from Fairchild-Dornier.

In addition, SNC holds IP rights and supplemental type certificates (STCs) for modernization technologies that allow the Dornier 328 aircraft to be used by the U.S. for multi-mission applications ranging from transport and cargo to surveillance and medical use.

MORE INFORMATION

For more information, please visit: www.sncorp.com.
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About Sierra Nevada Corporation
Headquartered in Sparks, Nevada, Sierra Nevada Corporation (SNC) is among the “World’s Top 10 Most Innovative Companies in Space” and is the Top Woman-Owned Federal Contractor in the United States. Also named one of America’s fastest-growing private companies, SNC has a workforce of over 3,000 personnel in 33 locations in 18 states and three locations in Europe. Under the leadership of CEO Fatih Ozmen and President Eren Ozmen**,** SNC’s six unique business areas are dedicated to providing leading-edge technology solutions to its customers.

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