

THE CHOICE FOR SAFETY OF AIR ASTANA: CEFA FAS

KAZAKHSTAN'S FLAG CARRIER CHOOSES CEFA AVIATION PREMIUM SOFTWARE TO ANIMATE FLIGHT DATA

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✂ The number one goal of the renowned [Kazakhstan's airline](#) is to implement the highest safety standards. Now it is using the premium software CEFA FAS.

- ✂ With more than 80 users, including numerous flag carriers, [CEFA FAS](#) is a proven tool to enhance flight safety.
- ✂ Animating flight data allows to understand better and quicker causes of flight incidents but also, for airlines' safety departments, to better communicate to pilots and to the management.

In order to translate flight data into realistic animations including 3D views, cockpit instruments and the environment in the sky and on the ground, the flagship of Kazakhstani aviation chose the independent French company CEFA Aviation. "Being chosen by Kazakhstan's national air carrier, an airline which is growing and winning multiple awards, is a great recognition of our 19 years of expertise in flight data," says Dominique Mineo, [CEO and founder](#) of CEFA Aviation. "We are delighted that our software CEFA FAS helps Air Astana to achieve the highest safety standards."

According to Gerhard Coetzee, Senior VP Corporate Safety Compliance: "CEFA FAS is an efficient tool optimizing dialogs around safety within our airline." Mikhail Batayev, Senior Manager Safety Compliance Flight Operations, and Arman Donsebayev, Manager Safety Performance Flight Operations, use CEFA FAS on a regular basis and underline that: "it is effective to demonstrate outcome of flight parameters as identified by flight data to crew, trainers and management alike to produce animations. Particularly multi close proximity events but even for taxi incursions and errors, while simultaneously follow the nav charts while replaying a flight, or check the METAR*!"

CEFA FAS will be used to recreate flights from the 32 aircraft, based on the raw data from the flight data recorders but also from the FDM (Flight Data Monitoring) System implemented by the airline. Air Astana's fleet, one of the youngest in the industry, consists of many different

aircraft types, from Embraer 190 to Boeing 767, as well as Airbus A320neo and Airbus A321neo. CEFA Aviation's software shows the flights and the maneuvers of the pilots with all these different cockpit types in a very detailed visualization - even the hands of the pilots and the pedals are represented.

The flagship operates 60+ destinations primarily in Asia, Eastern Europe, and Russia. Founded 16 years ago, the airline has won multiple awards, among others retaining the accolade of "Best Airline in Central Asia and India" in the Skytrax World Airline Awards 2018 for the seventh consecutive year. It has just received a Five Star Airline Rating in the Major Regional Airlines category at the [APEX Awards 2018](#).

**METAR: Meteorological Terminal Air Report or METeorological Aerodrome Report. A METAR is a weather information report format. A METAR weather report is predominantly used by pilots in fulfillment of a part of a pre-flight weather briefing. Raw METAR is the most common format in the world for the transmission of observational weather data. It is highly standardized through the International Civil Aviation Organization (ICAO), which allows it to be understood throughout most of the world.*

About us

CEFA Aviation, a privately-held French company, enhances pilot training and flight safety, developing world-leading 3D animation software and services for the past 19 years. The innovative solutions developed by its experts recreate flights with high detail and accuracy based on data from aircraft flight recorders.

More than 80 major and regional airlines, cargo operators and investigative authorities on five continents are using the core software of the company, CEFA FAS (Flight Animation System) for pilot training and safety analysis.

Translating flight data into precise visualization requires in-depth understanding of the complexity of aircraft systems and software engineering. CEFA Aviation has been a pioneer in easy-to-use flight data animation since Dominique Mineo founded the company in 2000. Its long-lasting success is attributable to a passion for aviation and innovation, listening to its clients, and delivering gold-standard support. The CEFA Aviation team is headquartered in the Alsace region of France.

At the Dubai Airshow, CEFA Aviation unveiled a new breakthrough visualization tool to further enhance and personalize pilot training: [CEFA AMS](#).

www.cefa-aviation.com

Air Astana is the flag carrier of the Republic of Kazakhstan, based in Almaty, Kazakhstan. It operates scheduled, domestic and international services on 64 routes from its main hub, Almaty International Airport, and from its secondary hub, Astana International Airport. The airline operates 32 turbojet aircraft, including 8 aircraft of Boeing family, 9 aircraft of Embraers and 20 aircraft of Airbus family. Air Astana JSC was established in 2001 by Resolution of the Government of the Republic of Kazakhstan on 29 August 2001. The company's shareholders are JSC National Welfare Fund Samruk-Kazyna (on behalf of the Government of the Republic of Kazakhstan) and BAE Systems (Kazakhstan) Limited, which own 51% and 49% of the group's shares, respectively. The airline's main airports of operations are Almaty International Airport and Nursultan Nazarbayev International Airport in Astana. Air Astana's principal activity is the provision of domestic and international passenger air services, other business activities include freight and mail transportation. Technical center provides services for aircraft maintenance both for Air Astana and for other airlines in Kazakhstan.

<https://airastana.com>

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