



Jeppesen China NavData[®] Solution

Worldwide Navigation Data for China's Airlines

The Jeppesen China NavData[®] Solution involves the deployment of a data production system called Jeppesen Aviation Data Engine (JADE) at China Air Traffic Management Bureau (ATMB). JADE enables in-country extraction and maintenance of China domestic aeronautical data that is merged with Jeppesen standard and tailored international NavData[®] for use in Flight Management Systems (FMS).

This new cooperation ensures Chinese operators have access to our proven data processing capabilities and navigation expertise during the country's rapid growth in aviation. Jeppesen also supports the Chinese government and local authorities in setting up data standards with minimal required tailoring. Reduced management costs and localized service support are additional benefits of this arrangement.

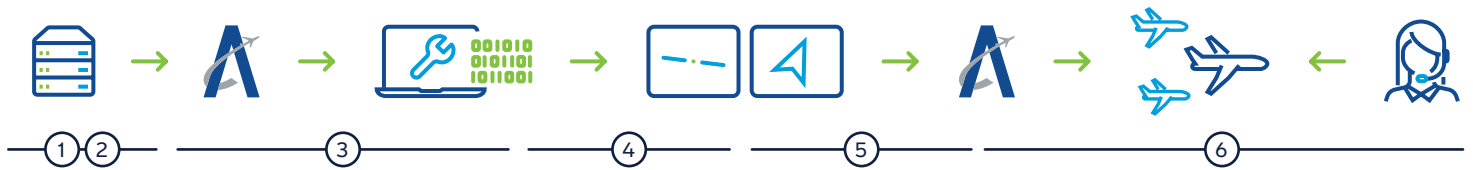
Benefits

- Chinese airlines receive standardized domestic aeronautical data and Jeppesen international NavData[®] from a single source – the ATMB
- Standardized domestic aeronautical data is produced in full adherence with national export regulations and industry regulatory requirements
- Domestic data no longer needs extensive tailoring because all the national Chinese Aeronautical Information Publications (nAIP) are now processed in-country by ATMB and are already standardized
- The domestic aeronautical data production and service provided by ATMB are applicable to all FMS OEMs

Jeppesen: a legacy of industry leadership

- Jeppesen traces its history to 1934, when Captain Elrey Jeppesen began selling his hand-drawn charts to fellow Air Mail pilots
- Jeppesen NavData[®] was first used on a commercial revenue flight in June 1973. We, along with our industry and regulatory partners, have played a key part in the evolution of technology on the flight deck—from the early flight management computers to today's integrated systems and mobile EFBs.
- Jeppesen maintains the industry's largest global database, which features the most up-to-date, accurate and detailed aeronautical data in the world
- To support operators around the globe, we validate more than 47,000 pieces of source data every 28-days. Our master database has more than 2.6 million data records gathered from 200+ sources, and more than 18,600 airports worldwide, including 7,000 commercial airports—all from a single source.

How the Jeppesen China NavData® Solution works



- ① Jeppesen provides ATMB with standard and tailored international NavData®
- ② Chinese airlines provide domestic tailored routes to ATMB
- ③ ATMB uses JADE to process Chinese domestic ARINC 424 data and merge it with Jeppesen standard and tailored international ARINC 424 NavData®
- ④ ATMB supplies merged ARINC 424 database to FMS OEMs based in China
- ⑤ FMS OEMs pack data into loadable software and deliver back to ATMB
- ⑥ ATMB delivers loadable software to operators and provides support to the end user

Who do I work with for service and support?

This is a unique program with unique production processes and contracting. Therefore, there are specific customer service and support functions, which are outlined below.



	Contracting/Invoicing	Delivery	Service/Support
ATMB	Contracts and invoices customers for delivery of merged NavData databases	Delivers packed data to customer	Provides support to customer for domestic data, work with FMS OEMs and Jeppesen as needed to resolve issues
FMS OEM	Contracts and invoices customers for data packaging services		Provides support to customer for parameter change
Jeppesen	Contracts and invoices customers for domestic data support, standard and tailored international data		Provides support to customer for standard and tailored international data

Learn more about NavData® or our other avionics data solutions at jeppesen.com/navdata