

4 China

Air Navigation & Air Traffic Control System Modernization Project (I) (II) (III)



Equipment procured via the project

Outline of Loan Agreement

Loan Amount / Disbursed Amount	21,003 million yen / 20,899 million yen
Loan Agreement	January 1991 - October 1992
Terms & Conditions	Interest rate 2.5%/2.6% p.a. Repayment period 30 years (Grace period 10 years)
Final Disbursement Date	February 1996 - November 2001

Project Outline

To ensure the safety and punctuality of air transport and efficient aircraft management, through the development of air traffic safety and control systems, in an attempt to respond to projected future increases in the demand for air transport.

Results and Evaluation

Through this project, air traffic control radar, air traffic safety systems, meteorological and communications equipment were developed in airports throughout China. Although resulting in the project completion being delayed by approximately four and a half years because the equipment procured was highly diverse and had to be installed at locations throughout the nation, it is accomplishing a certain role in increasing system performance, such as the expansion of range of radar and the increase of airport operation rates. Regarding the safety levels of air transport, it is reaching the standards of the International Civil Aviation Organization (ICAO). Moreover, in terms of punctuality, the on-time departure rate for civilian aircraft is being maintained at a high level, and delays due to air traffic control and safety systems were negligible. Furthermore, air traffic control intervals for key domestic and international routes have been scaled back to approximately 75km from approximately 150km before the project, achieving steady efficiency in aircraft management. Personnel on-site have been trained at the maintenance center constructed via this project. From the financial aspect, we have found no evidence of issues that may hinder operation and maintenance.