China’s Civil Aviation Development under the Guidance of ICAO

Mr. Wu Zhouhong
Deputy Director General
Department of International Affairs, CAAC

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I. 30 Years Development of Civil Aviation in China

II. ICAO has played an important role in support of the growth of China’s Civil Aviation
Total Air Transport Turnover

From 1978-2008, the average annual growth of air transport turnover of China was 17.5%. In 1978 total turnover was 298.6 million ton-kilometers and in 2008 it reached 37.68 billion ton-kilometers.
Passenger Traffic

1978-2008, Passenger growth rate 15.9%.
In 1978, passenger traffic was 2.31 million, in 2008 it hit 190 million.
Cargo & Mail

1978-2008, Cargo & Mail growth rate 14.9%. In 1978, cargo & mail was 64000 tons, in 2008 was 4.07 million tons.
From 1978 to 2008, China’s average GDP growth was 9.6%. Air transport average growth was 17.5%, 1.82 times of GDP growth rate.

According to forecast, the average GDP growth will exceed 7% from 2000-2020.
## 2010 Forecast vs. 2020 Forecast

<table>
<thead>
<tr>
<th>Category</th>
<th>2010 Forecast</th>
<th>2011-2020 Growth Rate</th>
<th>2020 Forecast</th>
<th>2011-2020 Growth Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traffic Volume</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Total Traffic Ton-kilometers (billion)</td>
<td>50</td>
<td>14%</td>
<td>140</td>
<td>11%</td>
</tr>
<tr>
<td>Passengers (million)</td>
<td>270</td>
<td>14.5%</td>
<td>770</td>
<td>11%</td>
</tr>
<tr>
<td>Cargo &amp; Mail (million tons)</td>
<td>5.7</td>
<td>13%</td>
<td>16</td>
<td>11%</td>
</tr>
</tbody>
</table>
In 1978, CAAC operated 150 domestic routes, 12 routes connecting 13 countries (such as former Soviet Union, DPRK, Pakistan, France, etc.)

<table>
<thead>
<tr>
<th>Year</th>
<th>No. of Routes</th>
<th>Distance (Km)</th>
<th>No. of Countries and Cities with International Flights to and from China</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Domestic</td>
<td>International</td>
</tr>
<tr>
<td>1978</td>
<td>162</td>
<td>150</td>
<td>12</td>
</tr>
<tr>
<td>1988</td>
<td>363</td>
<td>321</td>
<td>42</td>
</tr>
<tr>
<td>1998</td>
<td>1122</td>
<td>991</td>
<td>131</td>
</tr>
<tr>
<td>2008</td>
<td>1532</td>
<td>1235</td>
<td>297</td>
</tr>
</tbody>
</table>
By December 2008

- 33 public air carriers, including 9 all-cargo carriers;
- 1259 registered transport aircrafts,
- 1532 scheduled routes (1186 domestic, 49 Hong Kong and Macao routes, 297 international routes);
- 16 national airlines, operating 297 routes from/to 104 cities in 46 countries;
- 95 international airlines from 53 countries operating 388 routes from/to the mainland.
Aviation Safety Improvement

- 1978-1987, rate was 4.37;
- 1988-1997, rate was 2.11;
- 1998-2008, rate was 0.198.
II. ICAO has played an important role in support of the growth of China’s Civil Aviation
- China resumed ICAO seat in 1974, became 1st part member in 2004.

- ICAO has been playing important role in improving navigation, safety and security by mobilizing all Contracting States to implement the Convention on International Civil Aviation and its 18 Annexes.
Six Strategic Objectives established (2005-2010):

- **Safety** – Enhance global civil aviation safety
- **Security** – Enhance global civil aviation security
- **Environmental Protection** – Minimize the adverse effect of global civil aviation on the environment
- **Efficiency** – Enhance the efficiency of aviation operations
- **Continuity** – Maintain the continuity of aviation operations
- **Rule of Law** – Strengthen law governing international civil aviation
Universal Safety Oversight Audit Programme (USOAP), was conducted in China in April 2007. By May 2009, China has achieved longest safety record of 15.56 million flying hours for 54 months.

1st ICAO Universal Security Audit Programme (USAP), was conducted in China in May 2004.

2nd ICAO Universal Security Audit Programme (USAP), completed in China on 14 April 2009.
ICAO guidelines to address potential security threat ensured the success of 2008 Beijing Olympic Games
44th DGCA Conference held in Xi’an, China from 22-26 October 2007

China has ratified 23 law instruments related to civil aviation.
COSCAP-North Asia Programme

- started in 2003 between China, DPRK, Mongolia and ROK by ICAO
- Ensuring safety oversight capabilities
- Harmonization of regulations, policies and procedures
- A North Asia Regional Aviation Safety Team (NARAST) was established under the project
ICAO 36th Assembly Resolution A36-23 called upon States to develop Performance Based Navigation (PBN).

May 8, 2007 CAAC and ICAO signed MOU on Training of Professionals for Developing Countries.

Mar. 25, 2009, 12 students from developing countries completed 4-week air controller training.
ICAO had greatly helped to create and preserve friendship and understanding among the nations and peoples of the world.

ICAO has endeavored to achieve its vision of safe, secure and sustainable development of civil aviation worldwide.

China’s development in civil aviation has been benefited from ICAO ‘s instrumental work.
Warmest congratulations on the 60th Anniversary of ICAO Asia and Pacific Office!
Thank you