

Target Countries :

Course No. : J1804208

No. : 1884553

Sector : Transportation/International/Inter-regional Transportation

Sub-Sector :

Language : English

Outline

This course aims to enhance the capacity for performance based navigation (PBN) flight procedure design through understanding the related technical standards and technique. PBN enable to set flexible air route (landing and taking off) in using the aircraft equipped with GPS and flight management computer system. It is indispensable for increasing air traffic with safety ensuring in developing countries.

Objective/Outcome	Target Organization / Group
<p>【Objective】 To acquire enough knowledge and expertise to design air traffic services route and PBN procedure.</p> <p>【Outcome】 1. To understand quality assurance in flight procedure design of Japan. 2. To understand the standard of flight procedure design. 3. To be able to design the flight procedure. 4. To understand the outline of flight procedure automated design tools.</p>	<p>【Target Organization】 Air Traffic Services Provider or Regulator</p> <p>【Target Group】 1) Be engaged in flight procedure design. (ex. flight procedure designer, air traffic controller, qualified pilots) 2) Have finished PANS-OPS conventional training course or have equivalent knowledge.</p>

Contents	Course Period	2018/6/6~2018/7/14
<p>This course mainly consists of practical design exercise of flight procedure.</p> <p><Lecture> Overview of flight procedure design Overview of PBN (Performance based navigation) Quality assurance for flight procedure design Geographic data and obstacle data</p> <p><Exercise> PANS-OPS (Procedures for Air Navigation Service - Air Operation), Survey exercise, Automated design tool for flight procedure design,</p> <p><Site Visit> Airport Air Traffic Management Center in Japan</p>	<p>Department in Charge</p>	<p>Infrastructure and Peacebuilding Department</p>
	<p>JICA Center</p>	<p>JICA Tokyo (Economy&Env.)</p>
	<p>Cooperation Period</p>	<p>2017~2019</p>

<p>Implementing Partner</p>	<p>NTT DATA i Corporation</p>
<p>Remarks and Website</p>	