The Project for Capacity Development for Air Navigation Services

PC-based Simulator Training System for Air Traffic Control

Group Photo of Instructors & Trainees

Instructor & Trainees with Training Certificate

Flight Procedure Design Training

Project Overview:

   In Malawi, a landlocked country located in the southeast part of Africa, air transport plays a key role in the country's development strategy.   Since the 1970s, the Government of Japan (GOJ) has been providing support in the construction of airport terminal building and installation of various air navigation facilities in the country's gateway, Kamuzu International Airport (KIA).   However, due to serious shortage of trained staff for KIA as well as for other airports, Malawi Department of Civil Aviation (DCA) has been facing challenges in maintaining a viable air transport infrastructure and providing sound air navigation services.   In addition, with constant technological progress in air navigation services, upgrading of advanced training for current air navigation staff has long been one of the pending concerns.

   In recognition of these issues, the Government of Malawi requested GOJ to support in strengthening its training functions in order to utilize air navigation facilities that comply with international standards and to secure sustainability in both operation and maintenance of those facilities. The Project for Capacity Development in Air Navigation Services was implemented with the goal to improve DCA's capacity to provide training for air navigation services' staff by the development of technical training curricula and supporting training materials.

Formation: JV (Main)

Type of Work: Development & Training Materials, Technical Training

Project Term: April 2014 - May 2016

Outline of Project:

[Objectives]
   Trainings for air navigation services are implemented to effectively utilize and maintain improved air navigation facilities.

[Outputs and Activities]
 1. Training syllabus and training materials: 16 courses
 2. Trainings of instructors by 7 JICA Experts: 19 trainings/124 trainees
 3. Installation of training equipment:
     - Computer Based Training for Air Traffic Controller (ATC)
     - Test Instrument and Equipment
     - PC-based Simulator Training System for ATC
 4. Overseas trainings for supervisors/instructors: 4 trainings/26 trainees

Project Outcome:
Trainings for the following target areas will be improved:
- Air Traffic Control and Flight Information Services
- Aeronautical Information Services & Aeronautical Communication Services
- Electronic Engineering
- Electrical/Mechanical Engineering