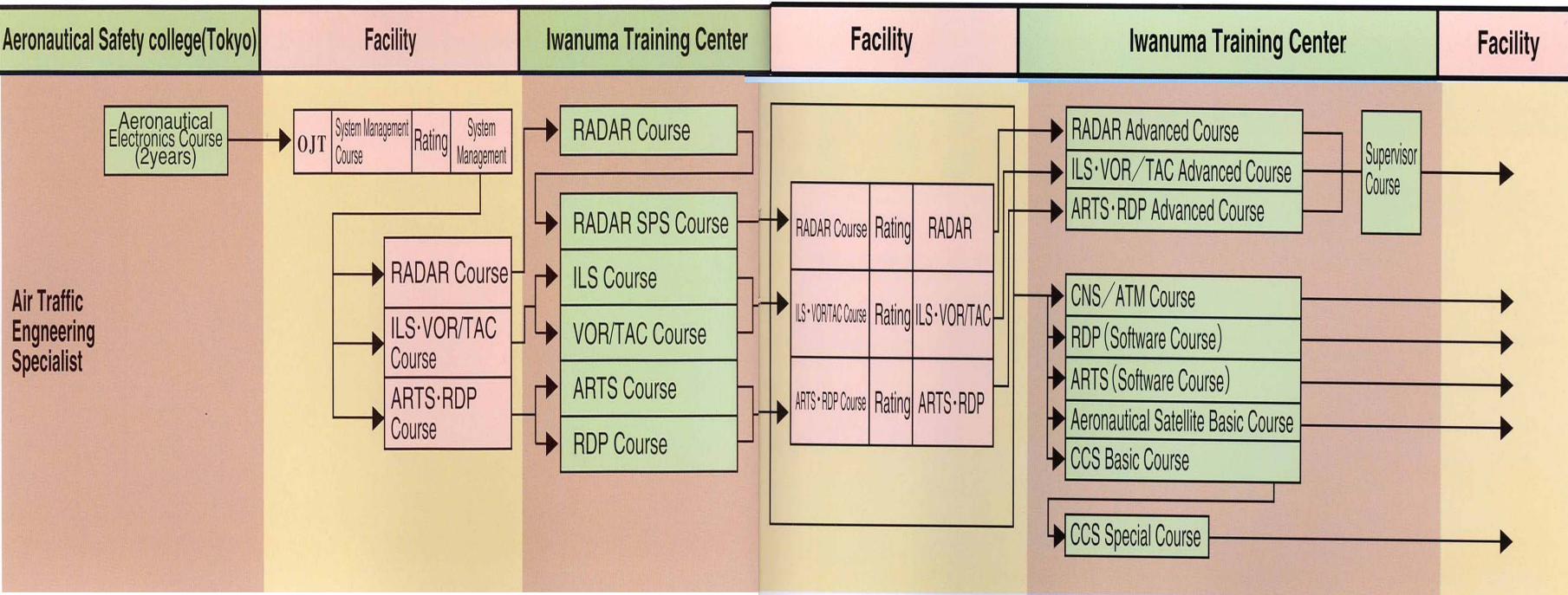


Japanese ATSEP Training Course

TRAINING PROGRESSION DIAGRAM

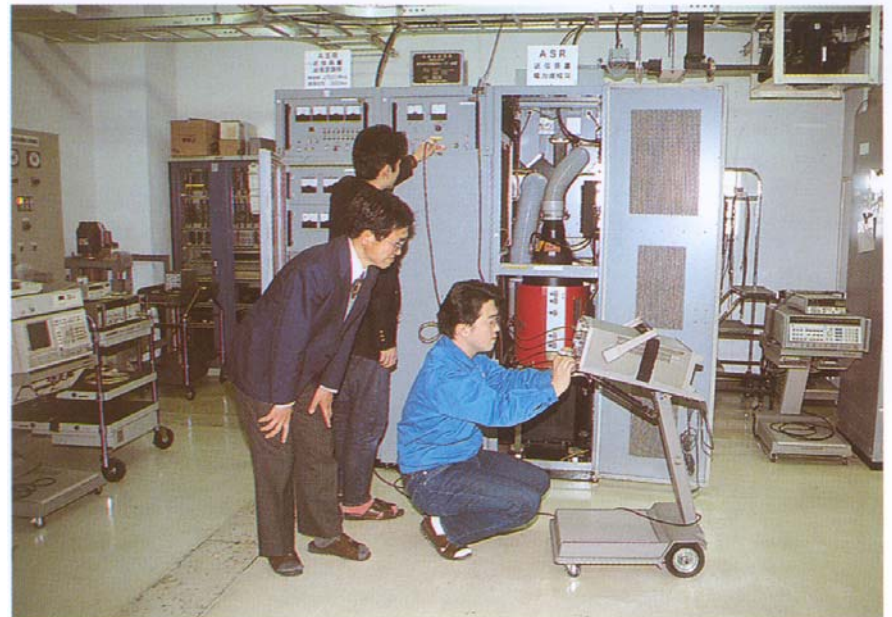


1. Radar Course

This course provides technical knowledge and skills for unqualified air traffic engineering specialists who will engage in the maintenance and operation services of ATC radar equipment such as ASR and ARSR.



● ASR/SSR Training Site Building



● Radar Training

2. ILS Course

This course provides technical knowledge and skills for unqualified air traffic engineering specialists who will engage in the operation and management services of ILS (Instrument Landing System) which provides pilots of aircraft with a guidance information to enable them to land at airports even at night or in bad weather.

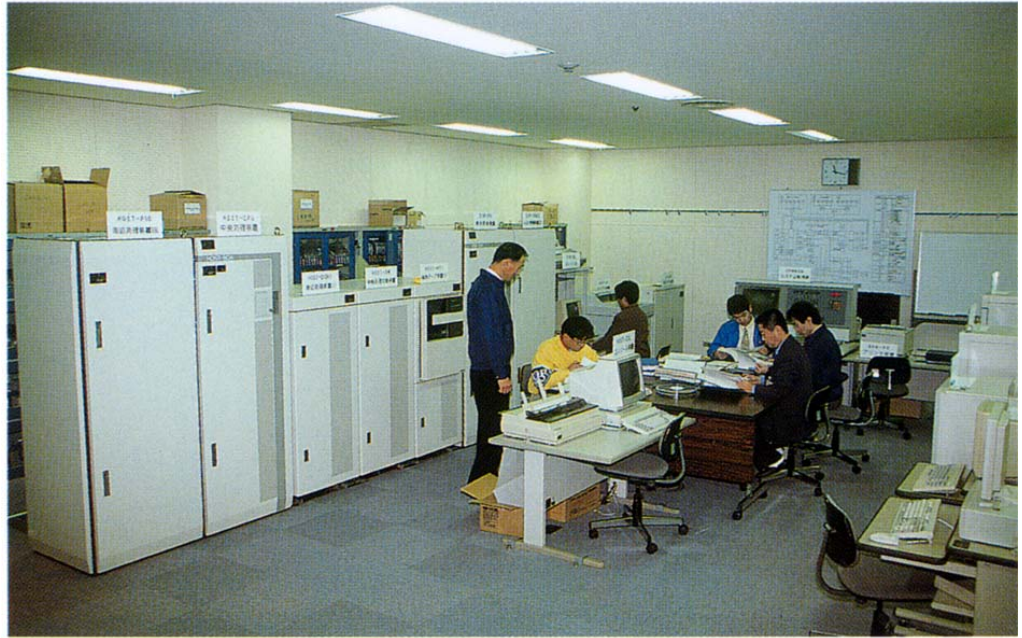


● ILS · VOR/TAC Training Site Building

3. VOR/TAC Course

This course provides technical knowledge and skills for unqualified air traffic engineering specialists who will engage in the operation and management services of VOR(VHF Omnidirectional Radio Range),TACAN(TACTical Air Navigation)and DME(Distance Measuring Equipment)built along airways and at airports to provide aircraft with an accurate navigational information.





●ARTS Operation Training

4. ARTS Course

This course provides technical knowledge and skills for air traffic engineering specialists and air traffic controllers responsible for the services of operation and management of ARTS(Automated Radar Terminal System)at major airports.This course consists of two parts: hardware (electronics specialist only)and software.



● RDP System Operation Training

5. RDP Course

This course provides technical knowledge and skills for air traffic engineering specialists and traffic controllers responsible for the services of operation and management of RDP(Radar Data Processing)systems at Area Control Centers.This course consists of two parts: hardware(electronics specialists only) and software.

6. CCS Course

This course provides technical knowledge and skills for air traffic engineering specialists who will engage in the operation and management services of the Digital Data Exchange Air Traffic Communication Control System(CCS) provided to airport offices and Area Control Centers. This Course consists of two parts: basic and advanced.



7. Advanced Courses

Each course provides reliability training and advanced technical knowledge and skills for air traffic engineering specialists who have already completed one of the Radar, ILS, VOR/TACAN, ARTS and RDP Course.

8. Supervisor Course

This course is for air traffic engineering specialists who have finished the special Advanced Course. Students will be provided with knowledge and skills needed for the judgment, coordination and guidance for the system operations such as system control and so on.

New Air Navigation System

1. CNS/ATM Course

This course is for three groups of specialists (Air Traffic Control, Operation, Radio Engineering), to make them understand the current tendency of the world about the next-generation air navigation system to overcome the limitation of current systems.

2. CNS/ATM Data Processing Basic Course

This course is for beginners to acquire knowledge and skills of data processing, as the pre-stage of advanced course of specialist of ARTS, CADIN, RDP and aeronautical satellite.

3. Aeronautical Satellite Basic Course

This course is for the specialists to operate and manage the aeronautical satellite system of new air navigation system.