Jet Transition Course for Pilot Training

2018 Mar.
1. Pilot Training System in Korea

1. Training for CPL
   - CPL Training (Including PPL, IFR)
   - Required hours of Flight: (170~200H)

2. Time Building
   - Time building for the Airlines (250~1,000H)

3. Jet Transition
   - Acquisition of Jet Type Rating that airline requires

4. Type Rating
   - Type Rating for Airline Transport Airplanes (B737, A320 and etc)

Airline employment
2. Business Goals and Targets

Implementation and Operation of Globally Competent Jet Transition Course

- Training Facilities
  - State of the art Training Equipment (Aircraft, SIM, Aviation Training Center)

- Training Instructors
  - Collaboration with Global Training Institution (Instructor, Technician, etc)

- Training Program
  - World-Class Training Program (Ground School+CPT+SIM+Aircraft)

Expected Effect

- Improving Balance between Supply and Demand for Pilots
- Ensuring Aviation Safety
- Promoting Youth Employment
- Supporting Development of Airline Industry
3. Role allocation

- Policy support for Jet Transition Course
- Issuance of Aviation Training Organization and etc.

MOLIT

- Aviation Training Organization (ATO) Approval
- Advertise for trainee (Certificate acquisition, Support employment)
- Acquired the newest training equipment
- Set up Government-Airlines cooperative system

KAC

- Support for Jet Transition Course
- Providing training instructors and etc.
- Operation & Maintaining training equipment
- Cooperation with international airlines & training institution

CAE

- Strengthen reliability of training
- Strengthen flight safety
- Strengthen Global Competitiveness
- Strengthen flight safety
4. Aviation Training Center

Building Aviation Training Center at Gimpo Airport Cargo terminal

- Area: about 4,000 ㎡
- Period: ’15.11 ~ ’16.10
- Facility: Training facilities, etc. + SIM Hall
  (SIM: KAC 1 EA, CAE 5 EA)
- Cost: about $ 4 million

(remodeling)
4. Aviation Training Center (cont.)

(Lobby)  (SIM Hall 1)  (SIM Hall 2)

(Flight Operation Room)  (Lecture Room)  (Briefing Room)
Introduction of Aircraft for Training and FFS(Full Flight Simulator)

- Manufacturer: Cessna (USA)
- Model: Citation M2 (CE-525)
- Introduction Date: 2017.3.24.
- Cost: 6.2 billion (approx.)

- Manufacturer: CAE (Canada)
- Model: Citation M2 FFS (7000XR)
- Introduction Date: 2017.6.21.
- Cost: 12 billion (approx.)
6. Aircraft for Training (Citation M2 / CE-525)

Avionics G3000

Observer Seat Installed
(Advance on Training Efficiency)
7. Full Flight Simulator
8. Curriculum Concept

"Operating globally competent Jet transition course"

Possession of the Korea’s best aviation training infrastructure (Operating 14 airports nationwide)

Possession of Know-how related to Global aviation training (Operating 50 training centers worldwide)
9. Objectives of Training

To operate Jet Transition Course for Airline Transport Airplanes (JET)

- **Enhanced Airline SOP / CRM**
  - Systematic jet aircraft training reflecting global trends

- **Strengthened MCC based trainings**
  - Established the Multi-Crew Coordination-oriented concept of aircraft operation procedures

- **Enhanced trainings on Non-normal Procedures**
  - Training and mastery of Non-normal Procedures in use of simulators
10. Curriculum Outline

Provision of **Low cost · High Efficiency Training Program**

- Better understanding of A/V system and equipment installed
- Operation/Manipulation practice using CBT
- Understanding of SOP

- Establishing the method and procedure of integrated A/C system operation
- Understanding of procedures of standard manipulation / call-out
- FMS(G3000) manipulation / operational mastery

- Procedural mastery of normal operation of JET A/C
- Experiences of difference in a sense of flight against SIM training
- Application and practice of SOP for airlines

- Training on CRM-applied SOP for MCC concept-based transport A/C
- Establishing Abnormal/Emergency procedures
- Understanding/training on normal operation procedures for A/C
11. Trainee selection process

- **Application phase**
- **Personality test**
- **Knowledge screening**
- **Interview**
- **Final selection**

1. **written verification**
2. **Personality test**
3. **Verbal (Flight Theory etc.)**
4. **Final Interview**
5. **Successful Candidates Announcement**

- **Established Course**
  - Public Course
  - UFA Course
  - Airlines Course
12. Trainee Recruitment Plan & Current State

Qualifications

- Education/ Major/ Age/ Gender: Unrestricted
- Valid domestic Commercial Pilot License (incl. MEL, IR)
- Airman medical certificate 1st class
- Radiotelephone operator’s general certificate (Aeronautic class)
- TOEIC 700 (above), or corresponding English level

Current State

- 105 trainees completed the course since 2017.6 (opening date)
- Estimated numbers of trainees in 2018: 200
- Jet course training demand increased due to its excellence
- Trainees at Jet course can have advantage with regard to airline employment
13. Establishing ties with Airlines

Agreement on Employment Cooperation
- Parties: MOLIT – KAC – 9 National Airlines
- Purpose: Training of outstanding pilots and Employment Cooperation
- Signing Date: 29th Dec, 2016

Strengthened Cooperation b/w MOLIT, KAC and Airlines

Customized Curriculum for Airlines
- Airlines: T’way, Air Seoul, Asiana Airlines
- Purpose: Operation of Jet Training curriculum customized for each airlines (SOP)
- Starting Date: 12th June, 2017

Implementation of Airline Customized courses (Gradually)
THANK YOU