民航處
CIVIL AVIATION DEPARTMENT

Hong Kong Civil Aviation Department / Dragonair / CAE OAA Multi-Crew Pilot License Course

Base Training & Line Experiences

CAE Oxford Aviation Academy

DRAGONAIR

HKCAD / HDA / CAE OAA MPL
Advanced Phase Entry Path MPL –v- CPL

民航處 Civil Aviation Department DRAGONAIR CAE Oxford Aviation Academy

HKCAD / HDA / CAE OAA MPL
Base Training Overview

- MPL - minimum of 12 take-offs and landings
- CPL – minimum of 3 “satisfactory” take-offs and landings
- MPL and CPL trainees’ progression both competency-based
- Historical CPL average number of landings = 20

HKCAD / HDA / CAE OAA MPL
Base Training Overview

- 2 Pre-Base Training simulator sessions
- 2 x 6 hour Aircraft Base Training sessions (2 trainees)
- Focus on consistent landings from stable approaches
- F/Ds ON and F/Ds OFF
- A/THR ON and A/THR OFF

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Advanced Phase – Aircraft Base Training Data

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HKCAD / HDA / CAE OAA MPL
Advanced Phase – Aircraft Base Training Data

Average no. of total landings = 24

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Advanced Phase – Aircraft Base Training Data

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Aircraft Base Training Data – The Variables

- ATC inefficiency
- Marginal visibility
- Wind direction
- Aircraft scheduling

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Aircraft Base Training – Future Focus

- Increased visual flying in Intermediate Phase
- Additional Pre-Base Training simulator, if required, between Base Training sessions
- Upgrade to simulator visual fidelity
- Upgrade to simulator lateral dynamic modelling

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Initial Operating Experience

Both MPL and CPL Cadets:

- **30 “Basic” IOE sectors**
- **Simulator Continuation Training session**
- **36 “Advanced” IOE sectors**
- **Planned on 3PF : 1PM sector ratio**
- **4 Final Line Check sectors**
- **Common training topic syllabus**

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Initial Operating Experience

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Initial Operating Experience – Final Line Check

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Initial Operating Experience
IOE Feedback Highlights

- Multi-Crew skills more refined
- CRM and TEM concepts fully integrated
- Handling skills show no difference to CPL

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Initial Operating Experience
IOE Attention Areas

- Descent profile management
- TMA Situational Awareness
- The last 200ft
- Runway exit finesse
- Tuning in the "ATC ear"

All Common to CPL Trainees

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Initial Operating Experience
Future Focus Areas

- Added focus on descent profile management during the Basic and Intermediate Phases
- Consider common jet simulator training platform
- Initial IOE with a Base Training Captain
- Increase in number of planned IOE sectors to 76
- Investigating on-line ATC training tools

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Questions?