

Somjit Ruensuwan, Wing Commander 2011: The Evaluation of the Construction of Center Aircraft Fire Prevention Training Station. Master of Engineering (Fire Protection Engineering), Major Field: Fire Protection Engineering, Interdisciplinary Graduate Program. Thesis Advisor: Associate Professor Surachai Radakarn, Ph.D. 269 pages.

The purpose of this thesis is to evaluate the construction of the Air Craft Fire prevention Training center, Civil Engineering of Royal Thai Air Force. The center will support the of academic fire fighting and rescue curriculum in class of officer and non officer. The population comprised of 37 graduates from fire fighting and fire rescue in class of officer and 60 graduates from fire fighting and fire rescue in class of non office. Twenty Five were stratified random sampling of graduates fire fighting and rescue in officer class and 25 graduates fire fighting and rescue in non officer. The question will be used for evaluation and complied with process of learning, and it's application for work. The data are analyzed by percentage.

The evaluation results revealed that: 1) the teaching and learning support is insufficient of area for the buildings, for example, the administration building, and fire fighting and fire rescue stations. 2) In the area of teaching and learning process, lacking of teaching and learning equipments. 3) Some courses hardly apply to realistic work very little such as measurement and evaluation courses of practice, the creation of simulator or mock-up for the standard fire fighting and fire rescue curriculums for officer and non officer.

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Thesis Advisor's signature