

***A STUDY ON
RETROFIT METHODOLOGIES FOR
LEGACY AIR-CONDITIONING SYSTEMS TO
REDUCE THEIR IMPACT ON
GLOBAL WARMING AND OZONE DEPLETION***

by

Makoto Goto

Doctoral Thesis

Submitted to

Nagoya University

in partial fulfillment of

the requirements for the degree of

Doctor of Engineering

Department of Aerospace Engineering

Graduate School of Engineering

Nagoya University

JAPAN

March, 2008