

Department of Aerospace Engineering Seminar Series

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Introduction to the KARI Low Speed Wind Tunnel and Current Research

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Aerospace Engineering Conference Room, 3164 Martin Hall

ABSTRACT: KARI (Korea Aerospace Research Institute) constructed a mid-size low speed wind tunnel in 1989. As the biggest low speed wind tunnel in Korea, it has been used for almost all domestic aircraft developments such as Surion helicopter and Naraon 4 seater plane. And since KARI is a non-military organization, its wind tunnel is also open to public. More than 260 tests requested by companies or universities have been done since 1989. This presentation contains a brief introduction to the KARI low speed wind tunnel as well as KARI organization. Specific test techniques related to helicopter development are also introduced.

Bio:

Field of Interest : wind tunnel testing, optical measurements (PIV, PSP)

Currently a visiting professor at UMD

1994 ~ Present : Korea Aerospace Research Institute

2006 : Ph.D. in Aerospace engineering,
at Korea Advanced Institute of Science and Technology (KAIST)

1994: M.S. in Mechanical Engineering

at Pohang Institute of Science and Technology (POSTECH)

1992: BS.. in Mechanical Engineering, POSTECH



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