

CERTIFICATE OF MERIT

For the purpose of promoting technical and scientific excellence

presented to

Nobuhiro Yamanishi, Miki Nishimoto, Syuusuke Hori, Koichi Okita, Chisachi Kato, Shinobu Yoshimura, Tomonori Yamada, and Hirotaka Kure

for the outstanding paper titled

"Numerical Analysis of Flow-Induced Structural Vibration in the LE-7A Liquid Hydrogen Pump"

AIAA/ASME/SAE/ASEE Joint Propulsion Conference July 2008



Land. M. Gill

Laura J. McGill VP Technical Activities