

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Enabling the Future - Developing the Space Workforce (5)

Author: Ms. Mi-jin Yoo
Korea Aerospace Research Institute (KARI), Korea, Republic of, mjyoo@kari.re.kr

MANPOWER INITIATIVES AND THEIR SHORT-TERM EFFECT IN SPACE PIONEER, KOREA
NATIONAL SPACE CORE TECHNOLOGY RND PROGRAM

Abstract

Workforce initiatives are programs designed to encourage employment and help people develop the skills they need to succeed in the space job market. One such initiative in practice is Junior Employment program for RD fund, which requires companies receiving government support (usually in forms of fund) to employ workers for that RnD program. Junior engineers under 10 years experience are beneficiaries of Junior Employment. This program aims to help people develop the skills they need to enter and succeed in the space job market which has high entrance threshold and makes new-comers hard to enter space job market. In addition to Junior Employment program, there are other workforce initiatives aimed at nurturing manpower who are already participating in space industry. These initiatives include job training and education programs for space workers, apprenticeships, and mentorship programs. These programs help space participants develop the skills they need to succeed in the competitive space industry environment, and provide them with the support and guidance they need to reach their full potential. With Space Pioneer program, one of the national space technology RnD program of Korea, has adopted Junior Employment program and showed 167