

SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM (D2)
Launch Vehicles in Service or in Development (1)

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ACHIEVING DOMESTIC HUMAN SPACEFLIGHT CAPABILITY WITH JAPAN'S NEXT FLAGSHIP
LAUNCH SYSTEM H-X**Abstract**

The status of the concept study of the next flagship launch system with human spaceflight capability is presented. The next flagship launch system (H-X) is now in a research phase with vehicle and ground infrastructure configuration study on going. Human spaceflight using a variation of H-X is considered and preliminary study of human rating has been initiated. The human rated H-X is targeting its inaugural flight in 2025.