

# Taber MacCallum

## Co-Founder & Chief Technology Officer – World View

Mr. MacCallum is a Co-Founder and the Chief Technology Officer of World View Enterprises, Inc., a company using advanced high-altitude balloon-borne systems for space tourism, scientific, and commercial space applications. He is a co-founder of Paragon Space Development Corporation, serving as CEO for the entirety of his tenure. His technologies are slated to fly on commercial human spacecraft and produce fresh water from waste on the International Space Station (ISS). Taber also served as the Chief Technology Officer and Safety Officer for the StratEx program, which flew Google VP Alan Eustace to ~136,000ft for a record-breaking space dive via high-altitude balloon. He was on the Biosphere 2 design team and an original crewmember, living inside the closed life support system for two years. He holds patents in spacecraft testing, life support, thermal control, water recycling, analytical chemistry, and contaminated water diving, and was the principal investigator for experiments on the Soviet BioSatellite, Space Shuttle, Soyuz, Mir and the ISS, including the first commercial payload on ISS.

### Key Career Highlights:

- **Co-Founder & Chief Technology Officer, *World View***
  - World View is pioneering the emergence of a new stratospheric economy, using advanced high-altitude balloon-borne systems to offer both a transformative space tourism experience for private citizens and innovative new capabilities for scientific and commercial near space applications.
- **Co-Founder & CEO, *Paragon Space Development Corporation***
  - Paragon is the world's premier provider of environment control technology for extreme and hazardous environments. Serving the commercial space industry, Mr. MacCallum helped grow the company into a top supplier of spacecraft life support systems and thermal control products, with spin off products for contaminated water diving, mining and other extreme environments.
- **CTO & Safety Officer, *StratEx Space Exploration Program***
  - Project StratEx launched Google Executive Alan Eustace to the edge of space under a helium balloon for his record-breaking flight in 2014. Eustace safely space dived back to earth from over 135,000 feet, breaking the speed of sound.
- **CTO & General Manager, *Inspiration Mars***
  - Mr. MacCallum lead the development of a business framework and technical solution for a public private partnership which aimed to launch two people on a free return Mars fly-by mission in 2021.
- **Biosphere 2 Crew & Design Team Member**
  - Mr. MacCallum was a founding member of the Biosphere 2 Design, Development, Test & Operations team, and a crewmember of the first mission living and working inside the three-acre materially closed ecological system for two years and twenty minutes. On the crew he served as the Safety Officer, Analytical Chemist and Assistant Medical Officer. Biosphere 2 demonstrated the viability of artificial biospheres for research and ultimately space settlement.