

Areas of Focus

Digital

- AR/VR/MR
- Artificial Intelligence
- Autonomous Systems
- Big Data Analysis
- Blockchain
- Cyber Security
- Data Analytics
- Digital Logbooks
- Digital Twin
- Generative Data
- Human Machine Interaction
- Image Compression
- Internet of Things
- Operation management Platforms
- Predictive Maintenance
- Quantum Technologies
- Supply Chain/Route Optimization
- Unmanned Air Traffic Management
- Others

Air Traffic Management

- AI/ML
- Blockchain
- Climate Technologies
- Command Control (C2) System
- Connectivity
- Constructive Visual System (Simulation, AR/VR)
- Cyber Security
- Data Analytics
- Digital 4D
- Digital Twin
- Next Gen Trajectory based Navigation System
- Radar Technologies
- Route Optimization
- Sensor Fusion
- Voice and Speech AI
- Others

Sustainability

- Air Purification Technology
- Airships
- Biomaterials
- Carbon offsetting
- Carbon Tracking
- CO2 Recycling
- Compressed Air Energy Storage
- Electric powered aircrafts
- GHG Satellite tracking
- Green Energy Storage
- Highly Efficient Batteries
- Hydrogen Power technology
- Hydrogen Production and Storage
- Material Recycling
- Smart Building Management
- Solar powered UAVs
- Stratospheric Balloons
- Sustainable Aviation Fuel
- Sustainable materials
- Others

Dual Use Technologies

- Additive manufacturing
- Amphibious Drones and Aircrafts
- Biomorphism and UAV applications
- Electric Motors
- GPS Denied Technology
- High Frequency Plasma Discharge
- High Strength Composites
- Jetpacks
- Laser Optics Communication and Imagery
- LIDAR Technologies
- Nano-powders
- Noise/Vibration Control
- Robotics
- Sensor Technologies
- Smart Fabrics
- Super/Hypersonic Aircrafts
- VTOL Drones and Aircrafts
- Others