

目次

2025年4月
总第498期

CONTENTS

产业资讯

Industry News

04 中央空管委向全国空管系统部署加强低空空管工作

The Central Air Traffic Control Committee has Deployed Efforts to Strengthen Low-Altitude Air Traffic Management

模式创新

Model Innovation

06 “北斗+低空经济”的创新产业模式探究——以湖南省北斗助力低空经济产业发展为例 / 蔡高强 李可 田心如 等

Exploration of the Innovative Industrial Model of Beidou Low-Altitude Economy

15 “低空+航天”融合视域下低空经济产业链协同创新路径研究 / 马艺晏 王鑫慧 宋迎

Coordinated Innovation Path of the Low-Altitude Economic Industry Chain Under the Fusion Perspective of Low-Altitude Aerospace

趋势展望

Trend Outlook

22 新能源飞机动力系统的发展现状与趋势 / 张毅伟 薛健敏

Development of Power Systems for New Energy Aircraft

28 复杂环境下直升机载分布式光电系统的应用进展 / 权清科 潘枝峰

Application of Helicopter-Mounted Distributed Electro-Optical System in Complex Environments

34 美国天基信息系统在战略投送中的运用场景研究 / 王永金 胡真 蔡泽政 高生华

Application Scenarios of U.S. Space-Based Information Systems in Strategic Deployment

技术探究

Technical Inquiry

44 无人机测控系统设计与实现 / 乔梦甜 李辉

Design of Drone Measurement and Control Systems

51 基于系留气球锚泊平台的回转特性响应机理与优化研究 / 陈荣晨 舒欣 马诚

Response Mechanism and Optimization of the Rotational Characteristics of a Tethered Balloon Mooring Platform

56 电动飞艇电推进系统故障模式分析及控制 / 莫文君 李晓琪

Analysis and Control of Failure Modes in Airship Electric Propulsion Systems

61 基于系统工程的飞行训练系统利益攸关者需求分析 / 毛家盾

Stakeholder Requirements Analysis for Flight Training Systems Based on Systems Engineering

实践案例

Practical Case

70 大型固定翼无人机用户培训体系构建 / 朱海 尚梦云 黄涛 张燕琴

Establishment of Large Unmanned Aerial Vehicle User Training System