

# 行业周报

# 广东推动低空经济高质量发展行动方案印发,首部电动垂直起降航空器起降场技术 规范发布

# 投资要点:

- 广东省人民政府办公厅印发广东省推动低空经济高质量发展行动方案 (2024—2026 年)。 5 月 22 日,广东省人民政府办公厅发布通知印发该方案, 方案提出到 2026 年,低空管理机制运转顺畅、基础设施基本完备、应用场景加 快拓展,低空经济规模超过 3000 亿元,争创国家级创新平台 1-2 家,全省通用 飞机飞行达到 15 万小时,无人机飞行达到 350 万小时。方案提出具体行动目标: 1) 加快推进低空空域管理改革,加强"军地民"三方工作协同; 2) 争取开展城市 空中交通等试点示范; 3) 完善地面起降设施网,按需建设小、中、大型起降场 地,构建低空智联网; 4) 建设低空管理服务体系,形成覆盖全省的低空飞行服 务保障体系; 5) 鼓励 eVTOL等低空飞行器多领域的应用,探索开辟粤琼低空航 线; 6) 开展高能量密度航空动力电池技术,重点突破电池失效管理。
- 江苏省科技厅、省财政厅印发《2024年度省前沿技术研发计划项目指南》并组织申报项目。5月24日,江苏省科技厅、省财政厅通知印发该项目指南,项目"5012 低空经济技术"包括: 1) eVTOL、倾转旋翼飞行器等低空运输飞行器技术研发; 2) 多旋翼、复合翼等工业无人机技术研发; 3) 精确导航、智能避障等技术研发。其中,企业牵头申报的项目省拨经费不超过项目总预算的30%,每个项目支持额度最高不超过500万元。项目实施周期一般不超过3年。
- 首部电动垂直起降航空器起降场技术规范发布; FAA 发布 Archer Midnight eVTOL 最终适航标准。5月22日,中国民用机场协会在第五届中国机场发展大会上发布了《电动垂直起降航空器(eVTOL)起降场技术要求》团体标准。标准共分为11章节,明确阐释了电动垂直起降航空器起降场的物理特性、障碍物限制、场址选择等技术参数,促进低空飞行基础设施规范化、规模化建设。5月23日,Archer 公司宣布美国联邦航空管理局 (FAA) 已公布 Midnight eVTOL 的最终适航标准,推动 Archer 获得 Midnight 型号认证。
- 顺丰首开低空运输航线; 宁德时代预计 2027-2028 年推出电动飞机应用。 5月 20 日,顺丰首次与亚太通航展开商务机合作,在海南开通首条低空运输航线,单次荷载 1.3 吨,飞行时长约 2 小时。此次运输投入了自主研发的丰翼无人机,相比较传统的跨海运输模式,配送时长可以缩短近 70%,运输成本也减少 30%。 5月 22 日,在 BEYOND 国际科技创新博览会上,宁德时代董事长曾毓群表示,在电动飞机领域,宁德时代正在进行合作开发,达到商用程度需要 8 吨以上飞机,目前已在试飞 4 吨飞机,预计 2027、2028 年有望推出应用。
- 投資建议。顶层设计+许可证+应用端突破三重催化,低空经济前景广阔。我国 2023 年中央经济工作会议将低空经济列入战略性新兴产业,各地方政府相继响应。许可证方面,继亿航智能获得全球首个 TC 认证后,峰飞也获得了 TC 认证,许可证的颁发将加速应用端的探索。应用端多款产品已完成公开首飞,头部整机厂商相继获得新的订单。看好低空经济产业链的发展前景,eVTOL 作为低空经济的核心载体,建议关注 eVTOL 整机及产业链。整机: 万丰奥威、亿航智能;材料: 星源卓镁、光威复材、中简科技; 电池: 宁德时代、亿纬锂能、蔚蓝锂芯、孚能科技、国轩高科、珠海冠宇、豪鹏科技; 电驱电控: 卧龙电驱、蓝海华腾。
- 风险提示。低空经济发展不及预期, eVTOL 应用不及预期, 许可证落地不及预期, 政策支持力度不及预期, eVTOL 技术成熟度低于预期等。

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## **APPENDIX 1**

## Summary

Investment Highlights: Guangdong's action plan aims for a robust low-altitude economy by 2026, with a target scale over RMB 300 billion, 1-2 national innovation platforms, 150,000 hours of general aviation, and 3.5 million hours of drone flights. Specific goals include airspace management reform, urban air traffic pilots, infrastructure network enhancement, and a provincial low-altitude flight service system. Jiangsu's technology and finance departments have issued a guide for 2024's frontier technology R&D, including low-altitude economic technology projects with a maximum provincial funding of RMB 5 million per project, not exceeding 30% of the total budget. China's first eVTOL airfield technical standard has been released, and FAA has published the final airworthiness standard for Archer's Midnight eVTOL, facilitating certification. SF Express launched a low-altitude transport route in Hainan with significant time and cost savings. CATL's chairman announced electric aircraft development, with applications expected by 2027-2028. Investment advice: The low-altitude economy is poised for growth, driven by top-level design, licensing, and application breakthroughs. We recommend focusing on eVTOL and its supply chain, including Zhejiang Wanfeng Auto Wheel, EHang, and battery manufacturers like Contemporary Amperex Technology.

Risk Warning: Risks include slower-than-expected development of the low-altitude economy, eVTOL applications, licensing, policy support, and eVTOL technology maturity.

## 附录 APPENDIX

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弱于大市,未来 12-18 个月内预期相对基准指数跌幅在 10%以上,基准定义如

# 评级分布 Rating Distribution



下

各地股票基准指数:日本 - TOPIX, 韩国 - KOSPI,台湾 - TAIEX,印度 - Nifty100,美国-SP500;其他所有中国概念股 - MSCI China.

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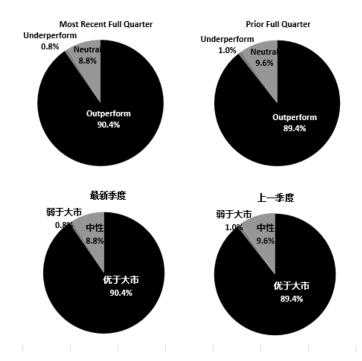
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**Neutral:** The stock's total return over the next 12-18 months is expected to be in line with the return of its relevant broad market benchmark, as indicated below. For purposes only of FINRA/NYSE ratings distribution rules, our Neutral rating falls into a hold rating category.

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|             | 优于大市  | 中性   | 弱于大市 |
|-------------|-------|------|------|
|             |       | (持有) |      |
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| 投资银行客户*     | 3.3%  | 4.9% | 0.0% |

<sup>\*</sup>在每个评级类别里投资银行客户所占的百分比。

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卖出, 未来 12-18 个月内 预期相 对基准指数跌幅在 10%以上, 基准定义如下

各地股票基准指数:日本 - TOPIX, 韩国 - KOSPI, 台湾 - TAIEX, 印度 - Niftv100; 其他所有中国概念股 - MSCI China.

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|                             | Outperform | Neutral | Underp er for m |
|-----------------------------|------------|---------|-----------------|
|                             |            | (hold)  |                 |
| HTIEquity Research Coverage | 90.4%      | 8.8%    | 0.8%            |
| IB clients*                 | 3.3%       | 4.9%    | 0.0%            |

<sup>\*</sup>Percentage of investment banking clients in each rating category.

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