



# Unykorn Black: Institutional RWA White Paper

## Tokenized Autonomous CyberTaxi Fleet Shares (\$UBK) & Proof-of-Ride Rewards (\$UBKR)

### 1. Executive Summary & Macro Thesis

The shift to autonomous mobility networks represents a \$4.8T macro market disruption. By eliminating driver compensation, operating costs drop from \$2.50-\$3.50/mi to \$0.20-\$0.40/mi. Unykorn Black unifies this margin expansion with institutional blockchain finance, tokenizing physical autonomous vehicles stationed at 5655 Peachtree Pkwy, Norcross, GA, and streaming real-time USDC cash dividends.

### 2. Physical Asset Collateralization

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| Central Base Depot | 5655 Peachtree Pkwy, Norcross, GA 30092 (12 Supercharger Bays)              |
| Vehicle Collateral | Tesla Model Y & CyberCab fleet with 8-yr/120k-mi battery warranties         |
| Enabling Statute   | Georgia Senate Bill 219 (O.C.G.A. 40-8-110) Driverless Commercial Operation |
| Insurance Limit    | \$5,000,000 Combined Single Limit (CSL) Commercial Auto Liability           |

### 3. \$UBK Token Architecture & Capital Structure

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| Token Symbol / Standard  | \$UBK   ERC-20 / ERC-4626 Yield-Bearing RWA Vault           |
| Settlement Blockchain    | Base EVM Mainnet (Layer-2, Low-Fee Atomic Settlement)       |
| Launch Tranche Cap       | \$650,000 USD (650,000 UBK Shares @ \$1.00 USDC / Share)    |
| Targeted APY Dividend    | 12.0% - 14.2% Annualized Yield (Distributed in USDC)        |
| Custody & Transfer Agent | BitGo Regulated Custody & SEC-Registered Cap Table Registry |

### 4. Automated On-Chain Dividend Distribution Waterfall

All gross fare receipts pass atomically through UnykornBlackRevenueSplitter.sol:

- 35.00% Operational Reserve: Supercharger energy, UV-C detailing, and telematics software subscriptions.
  - 40.00% Debt Service & Capital Pool: Commercial equipment loan service and fleet expansion.
  - 25.00% Treasury Net Yield: Pure cash flow streamed directly to \$UBK token holders in USDC.
- Conservation of all integer money is mathematically proven via Foundry fuzz testing with zero dust loss.

### 5. Dual-Token Loyalty: \$UBKR Proof-of-Ride Rewards

Complementing the institutional \$UBK capital share, Unykorn Black deploys \$UBKR for passenger retention:

- 10 \$UBKR awarded per mile traveled across all autonomous routes.
- Silver (0-500 mi), Gold (501-2,500 mi, 1.25x boost), Obsidian VIP (>2,500 mi, 1.5x boost + airport priority).
- Redeemable for ride credits, concert transport blocks, and WhichWay merchant vouchers.