



DOGBOND
A FLIGHTPAPER VI



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AVIATOR



Aviator is a Web3 gaming project leveraging the low transaction fees on the Base network to remove the barrier to entry for their our DeFi gaming platform: Aviator Arcade™. The open Web3 platform, Aviator Arcade, allows for the publishing of game contracts directly to the blockchain without the need to pay hosting fees. The contract structure rewards both Players and Developers with the native arcade token. This process brings both exposure and funding to smaller developers who lack other avenues to publish their work.

The Aviator token functions both as the native platform token as well as the governance token for the entirety of the project, including the Aviator Treasury, giving control back to the players. After launching on the Ethereum Blockchain in July of 2023, the team is aiming to spearhead the adoption of the Base Network through their unique bridge contract: SkyBridge™, that facilitates bridging tokens and NFTs from Ethereum Mainnet to Base.

Aviator's mission is centered around redefining the digital gaming sector by introducing a decentralized gaming platform. We are dedicated to creating a unique gaming ecosystem where game developers and players do not just participate but rather actively shape the Aviator project. By leveraging the power of our Decentralized Autonomous Organization (DAO) and Aviator Arcade, we provide unprecedented opportunities for community members to influence decisions, game developers of any experience to develop games, and all participants the opportunity to guide the development and future of the platform.



This project offers an open-access gaming platform for both developers and players of all backgrounds. Aviator's arcade-style protocol will operate on Coinbase's Layer 2 network: Base, where the complex nuances of Solidity are simplified through the user interface, creating a seamless experience to bridge the gap between Web2 and Web3 gaming. Through our focus on decentralization, we are not just changing how games are played and developed; we are redefining the relationship between the out-of-touch gaming industry and the players.

Transparency, security, and community-driven development are core values at Aviator and we ensure that every player's voice is heard and every developer's vision is valued. This approach does not just minimize transaction fees: it reimagines the role of stakeholders in the gaming world, placing them at the heart of our mission. Together, we are building a future where gaming is not just a pastime but a dynamic, participatory, and decentralized experience.

We are committed to leading this new era, ensuring that Web3 gaming is not just accessible, but also constantly evolving. Together we are building a future where gaming not only transcends traditional boundaries but also redefines them, seamlessly merging with the decentralized world to create deeply immersive, community-driven experiences. Our goal is to see gamers and developers coexist and collaborate within a thriving ecosystem underpinned by trust, safety, and technical collaboration.



As we begin this path, Aviator is laying the groundwork for an expansive future; one that goes beyond the arcade platform. Our vision encompasses a broader horizon, hinting at a more inclusive gaming client in which the scope of Aviator Arcade is limitless, evolving into a platform that not only hosts games but becomes an integral part of the gaming narrative itself.

COMPLIANCE.

The protection of our community is paramount. We are committed to building a foundation of trust and security, recognizing that our community members are integral to our success and growth. We rigorously adhere to regulatory compliance, ensuring all operations align with legal standards, particularly those set forth in the United States where we are incorporated. Our approach includes transparent financial operations and clear communication of risks and opportunities.

Aviator's team proactively monitors the evolving landscape of blockchain and gaming regulations. By staying up to date with these changes, we can adjust our strategies, ensuring that community interests are always at the forefront of our decision-making. Our commitment extends to the ethical use of technology and financial resources. We ensure that every interaction with Aviator Arcade is managed with the utmost responsibility and foresight, creating a stable, reliable, and forward-thinking environment where our community can feel confident and secure in their continued support of Aviator Arcade.



COMMUNITY FOCUS

This specific engagement strategy consists of building strong connections with diverse groups within the gaming sector. Recognizing the influential role of developers, gamers, streamers, and content creators, we plan to actively engage with these communities through sponsorships, featured events, and collaborations. These initiatives aim not only to increase our visibility but also to create relationships and celebrate the creativity and passion that drive the gaming culture. Aviator will facilitate live interactions, gameplay, Q&A sessions, and special events that showcase both our platform and the talents of streamers who bring virtual worlds to life.

We are committed to developing relationships with game developers of all sizes and backgrounds, recognizing them as the creative backbone of the gaming industry and the developers of the future. By utilizing existing Web 2 platforms, we plan to host and sponsor

Game Jams that challenge and inspire indie developers to create games that not only resonate with the community but also allow feedback for developers and collaboration in possible games for the arcade platform. These Game Jams serve as an ideal opportunity to introduce indie developers to Aviator Arcade's capabilities, encouraging them to utilize our platform for their creations.

Additionally, the community can maintain an active presence in game development forums and online communities, participating in discussions, offering support, and sharing insights. This two-pronged approach ensures that we not only raise awareness about our platform but also foster a collaborative environment where developers can thrive and contribute to the ever-evolving landscape of gaming.



PROJECT SECURITY

**Project funds were moved into a 3/5 multi-sig controlled wallet
19 minutes after initial deployment.**

Token Deployment:

<https://etherscan.io/tx/0x5f17e9de6945222aa7bc7fc7c9dd97232d1c845b8d847da9c1997024ea586e2d>

Multi-Sig Deposit:

<https://etherscan.io/tx/0x050643f835e632a534f3793cc5c579dfbb20cb56a4c7e85fbb609a1d1aabc081>

**The token contract has already undergone a third-party security
audit:**

https://github.com/solidproof/projects/blob/main/2023/Aviator/SmartContract_Audit_Solidproof_Aviator.pdf

**Aviator Arcade & SkyBridge will also be subject to rigorous testing
via a third-party auditing firm prior to official launch; as will all
future Aviator contracts and software deployments.**

**This not only validates the integrity of the project but
is a testament to our commitment to transparency and trust.**



AVI TOKENOMICS

60% Uniswap V2



35% Community-Owned Treasury

5% Team Tokens Lock

Initial Distribution

Aviator was deployed on July 13, 2023 with the following token distribution:

**60% Uniswap V2
35% Community-Owned Treasury
5% Team Tokens Lock**

Locking Schedule

To protect the community, liquidity has been locked on UNCX Network for one year. Following this duration, liquidity will be re-locked with the opportunity to expand liquidity onto new DEXs as decided by the community.

A 5% token allocation has been reserved for our dedicated and hard-working team of developers, marketers, community admins, and advisors. These tokens are locked on a regular vesting schedule in UNCX Network, with 1% unlocking every two months on the 13th day of each month.



AVICADE



These tokens can only be unlocked by the multisig treasury and will be airdropped to the team on the following dates:

Unlock Dates

- 1. 99,650,000 tokens unlock September 13th, 2023**
- 2. 99,650,000 tokens unlock November 13th, 2023**
- 3. 99,650,000 tokens unlock January 13th, 2024**
- 4. 99,650,000 tokens unlock March 13th, 2024**
- 5. 99,650,000 tokens unlock May 13th, 2024**

A locking fee of 1,750,000 tokens, collected by UNCX Network, has been deducted from the team's token allocation.

Burns

As a deflationary asset, the Aviator team has designated specific goals for lump-sum token burns.

These burns are executed from the community treasury and are subject to change via DAO vote.

- 1. \$10,000 Market Cap – 3% (300,000,000 tokens) Complete!**
- 2. \$100,000 Market Cap – 2% (200,000,000 tokens) Complete!**
- 3. \$1,000,000 Market Cap – 2% (200,000,000 tokens) Complete!**
- 4. \$10,000,000 Market Cap – 2% (200,000,000 tokens) Voted by DAO to be allocated elsewhere:**
- 5. \$100,000,000 Market Cap – 1.5% (150,000,000 tokens)**
- 6. The Future – To be decided by the community.**

Ongoing burns will be scheduled and voted on by the community through our DAO. Since the burn schedule is funded by [aviator-treasury.eth](#), the community has the power to reduce or cancel these burn amounts if it becomes preferable to keep the treasury balance higher.



AVIATOR ARCADE™



Aviator tokens spent on the arcade platform are allocated into pools on a per-game ID basis and token distribution occurs weekly.

Token Burning (1%): This portion is permanently removed from circulation through transferring to a non-recoverable address.

Community Treasury (4%): These tokens are stored in the community treasury until their use is voted on via DAO as outlined below.

Operations (20%): This allocation goes into Aviator's operational fund for use in keeping the platform operational.

Player Prizes (30%): These tokens are given as rewards to the top players in each game:

For example, if a total of 5000 Aviator was spent on a game during the week, the rewards would be distributed as follows:

First Place: 15% of 5000 = $0.15 \times 5000 = 750$ AVI

Second Place: 10% of 5000 = $0.10 \times 5000 = 500$ AVI

Third Place: 5% of 5000 = $0.05 \times 5000 = 250$ AVI

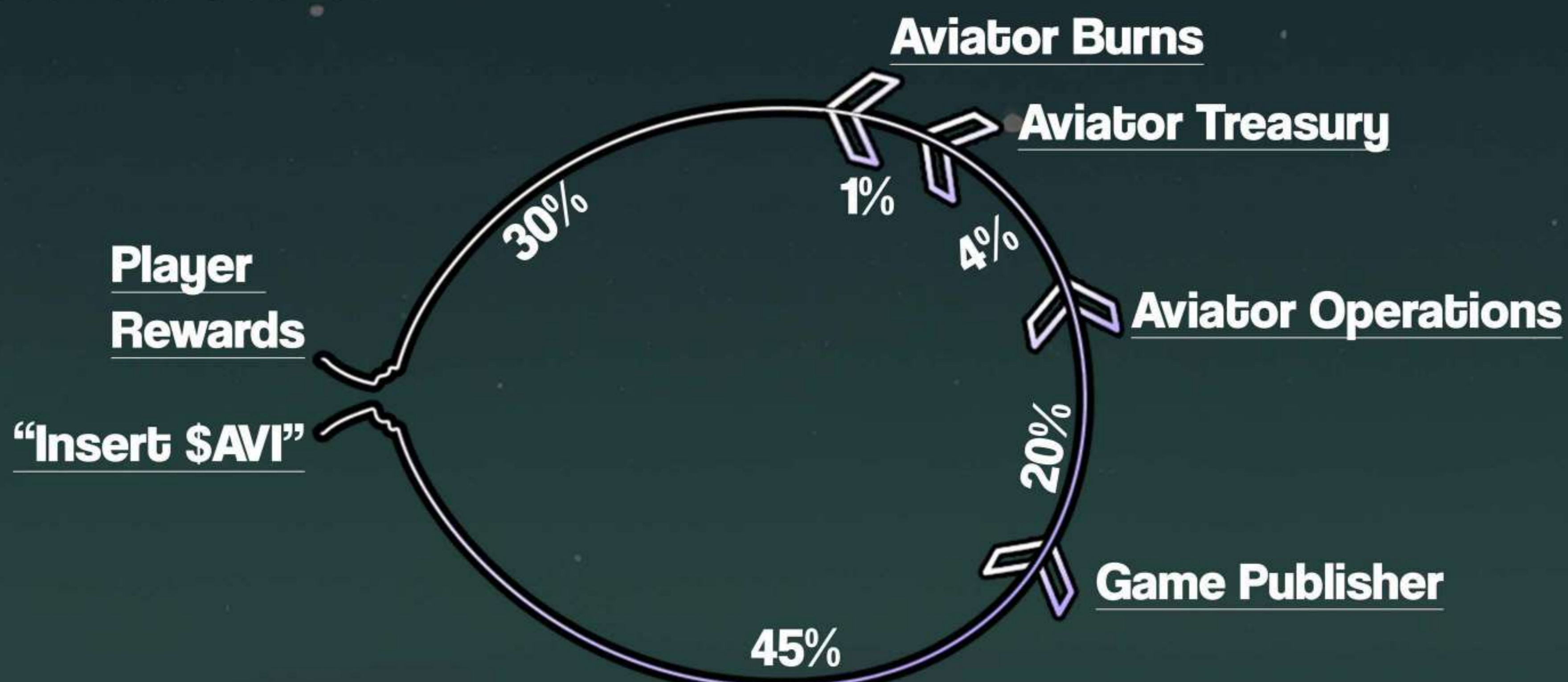
Game Publisher (45%): The largest allocation goes to the creators for publishing their games on Aviator Arcade.

***Developers who publish games on Aviator Arcade within 90 days of its launch will receive a permanent 5% bonus in passive income for hosting their games on the platform.**



This bonus, shared amongst so-called Aviator Pioneer Developers, is an additional bonus to the existing 45% and is deducted from the operations distribution. The DAO maintains full responsibility for granting and, if necessary, revoking this bonus. Eligible developers will be issued a non-transferable, soulbound ERC-721 NFT token to monitor their bonus. In the event that the DAO decides to cease bonuses for a specific developer, the Aviator Arcade proxy contract can disable their individual NFT, thereby canceling their share of the 5% bonus.

These bonuses are per wallet, meaning that developers can use a single wallet to deploy as many games as they like and still receive the bonus.



Advertisement Allocation

Aviator Arcade will host paid banner and sidebar advertisements as part of its revenue model. Upcoming utilities will allow certain users to bypass ads for an ad-free gaming experience.

Reinvestment into the Platform (40-50%): Allocate a significant portion of the ad revenue to enhance and expand the gaming arcade.

This can include:

- Developing new games the community requests.
- Improving user experience and interface.
- Investing in technology upgrades.



Marketing and Promotion (20-30%): Allocate funds to market the arcade more effectively, aiming to attract new players and retain existing ones.

Consider:

- Online advertising campaigns.
- Social media marketing.
- Collaborations or sponsorships.

Operations cost (10-20%): Set aside funds for the operational costs of running the arcade.

This includes:

- Server costs.
- Maintenance and bug fixes.

Community Engagement and Rewards (10-15%): Allocate a portion of the revenue for player engagement and rewards, such as:

- Hosting tournaments with prizes.
- Implementing a rewards or loyalty program.
- Community events or challenges.

Treasury (5-10%): Establish a reserve fund for unforeseen expenses or future investments voted on by the DAO. This serves as a buffer in case of revenue fluctuations or unexpected costs.

Developer Portal

The Developer Portal is the interface through which game creators can upload their games to the platform. Using this portal, developers can publish, update, or change fee structures for their games at will. Aviator Arcade's granular approach to development allows freedom for developers to operate their games as they see fit, with Aviator Arcade essentially acting as a distribution platform for developers.



The developer portal initially offers:

- Uploading a game to the arcade for only the gas fee to register it on the blockchain.**
- Amended versions of the game can be uploaded for only the gas fee to register it on the blockchain.**
- Developers can set the amount of AVI tokens required to play their game.**
- Visual analytics such as: played games, average playtime, high scores, and revenue are available for all versions of games published to the contract.**

Player Portal

The Player Portal is the interface through which players can interact with the platform. The player portal initially offers:

- Players can browse games and choose what to play.**
- Connect with their preferred wallet to the arcade contract.**
- Interact with friends and view their recently played games.**
- High Score recording, which includes any and all rewards.**



AVIATOR SKYBRIDGE™

Aviator's custom bridge from the Ethereum Network to Coinbase's Layer-2 network, Base. Built on the Optimism stack, this bridge is designed to be efficient and cheap while supporting a wide variety of crypto assets.

Distinguishing itself from conventional bridges based on the Optimism Stack which impose a 7-day withdrawal delay, Aviator SkyBridge provides users with the unique ability to completely bypass this restriction, offering enhanced flexibility. Users who prefer a traditional bridging experience may still elect to use SkyBridge's legacy option.

SkyBridge's two protocols function thusly:

-Our trusted proprietary model uses hosted virtualization servers to bridge tokens to Layer-1 at speeds up to 20 minutes per transaction.

-A traditional decentralized trustless model. This legacy protocol enforces a minimum 7-day withdrawal window.

Bridging Aviator token on SkyBridge shall incur no protocol fees other than the required Ethereum network gas fee. In the future, additional utilities in SkyBridge will be granted to AVI holders.

SkyBridge Runway

Aviator SkyBridge's Launchpage enables projects to easily and cheaply deploy their tokens or NFTs on Base.

Projects that deploy on Base will allow their users to take advantage of the network's blazing-fast speed, near-zero transaction fees, and exposure to

Coinbase's existing user base. The Aviator team will be partnering with several popular tokens on the Base network for use with SkyBridge,

as well as working directly with interested projects to deploy their contracts on the network and incorporate them into SkyBridge.



AVIATOR DAO CONSTITUTION

What is a DAO?

A DAO, or Decentralized Autonomous Organization, is a management structure that uses blockchain technology to automate certain aspects of voting and transaction processing.

The Aviator project aims to embrace the powers of decentralization by fully utilizing the DAO to approve ALL outgoing uses of funds from the Treasury, thereby making the treasury wholly owned by the community. Following community approval, any outgoing transaction must also receive approval from 3 out of 5 multi-signers, providing additional oversight and protection of project funds.

The Aviator DAO utilizes snapshot:
<https://snapshot.org/#/aviator-dao.eth/>
for a transparent and accessible voting protocol.

To participate, simply visit the site, connect your wallet that holds AVI, and vote on the proposals available. Voting only requires a signature, which does not incur a gas fee. In order to be eligible for voting, users must hold AVI tokens prior to proposal publication. Voting power is determined by the amount of tokens held at the time each proposal is created.

Standard Procedures

Project proposals will be presented on social media for discussion, and discussions will be hosted on the Aviator community Discord server. Users of other platforms are encouraged to host their own discussions.

- Major proposals voting shall last 7 calendar days.
- Minor proposals voting shall last 3 calendar days.
- Proposals may be repealed with a two-thirds supermajority vote.
- Amending this constitution shall require a three-quarters majority vote.



The multisig has an emergency veto capacity in the event a proposal would be deemed harmful to the project. A veto requires unanimous approval from all five multisig signers.

Funds in other project-operated accounts such as Marketing or Bridge addresses do not require DAO approval for transactions.

There shall be no minimum quorum required for proposals to finalize.

Proposal Creation

There are currently no direct proposal publications by AVI holders.

Community proposals can be submitted at any time to dao@aviator.ac. Selected proposals shall be presented to the community for discussion before the decision is made to publish it for DAO voting. All proposals that make it to a DAO vote shall receive \$50 in AVI from the marketing account as an award.



PROJECT ACCOUNTS

Aviator Treasury

Aviator's treasury account is protected by a 3-of-5 Gnosis Safe multisig contract. Holders can vote on proposals to authorize the use of treasury funds for various purposes to grow and develop the Aviator project ecosystem. The treasury account is owned by the community and is governed by the Aviator DAO. While the multisig signers have control over the funds, the power to disburse those funds is vested in the community.

To ensure both collective power and trust, Aviator follows two simple rules that govern the core of the DAO process.

- 1.No funds will ever be spent from the Treasury without approval from the DAO.
- 2.No transactions will ever take place without a public notification before being executed.

In the event of a DAO proposal that is deemed harmful to the project, the multisig signers have the capacity to veto proposals to protect Aviator and the community. This veto power requires unanimous approval from all five signers.

Marketing Wallet

Aviator operates a marketing wallet that is granted tokens from the treasury on a quarterly basis as approved by the DAO. Approved funds can be used by the marketing team as deemed appropriate, with an emphasis on frugality. Approved token amounts constitute a maximum quarterly budget, and all unused funds are returned to the treasury for re-approval at the end of every quarter.

This address is protected by a 2-of-3 Gnosis Safe multisig contract. Funds residing in this address no longer require a DAO approval for use.



Operations Wallet

The Aviator operations wallet holds funds generated from Aviator Arcade, Aviator SkyBridge, and any other project profits, which are used to cover project operations, development, and related expenses.

At this time, the operations wallet address has not been activated.

Funds residing in this address do not require DAO approval for use.

ROADMAP

SkyBridge

Aviator's custom bridge from the Ethereum Network to Coinbase's Layer-2 network, Base. Built on the Optimism stack, this bridge is designed to be efficient and cheap while supporting a wide variety of crypto assets.

Aviator Arcade

This is the decentralized platform where any developer can create a game using Unity or Unreal and host their game in our arcade to earn royalties. For further details regarding payout and arcade tokenomics, please refer to the whitepaper. Following the launch of SkyBridge, the arcade will spring to life with Aviator tokens on Base!

Aviator Prize Wall

Aviator token is unique because it is both the token to play and the ticket to win. Traditional arcades have tickets to spend on prize walls, but Aviator Technologies is putting a new spin on tokenizing real-world assets utilizing Non-Fungible Tokens (NFTs) that can be redeemed for tangible or digital goods.



ROADMAP

The Prize Wall will be made available to the top three scorers for every game on the platform. The wallet address that coincides with the account that achieved a high score will be whitelisted and allowed to redeem one item off the prize wall. This limit is to prevent larger holders from minting out the available prizes. The Prize Wall whitelist will reset weekly upon platform distribution.

Additionally, the Prize Wall is open to any project wanting to list their goods as prizes for our arcade winners. These NFTs will be mintable using Aviator and their cost corresponds to their represented value.

For example, an exclusive NFT made mintable on Aviator's Prize Wall could be redeemed for a T-shirt, Game Console, or Computer via the Aviator Prize Wall Redemption portal and shipped to you.

Conversely, if you gain access to the Prize Wall all tokenized assets will be sellable across all NFT marketplaces. This means you could mint exclusive merchandise and list it for sale on the secondary markets without having to redeem the physical goods.

All NFTs on the Prize Wall will feature a "Not Yet Redeemed" and a "Redeemed" indicator to prevent any ill-intent.

The Hangar

The Hangar will function as the Aviator Marketplace for both digital and physical goods. It will be home to the redemption portal for Aviator-hosted Prize Wall NFTs and partner project NFTs.

This marketplace will also focus on Web2, granting access to our unique project brand to those still wary of crypto. The goal is to create a seamless process through which both new and old technology interact and spread our project's overall image to the masses.



ROADMAP

Possible functions of this marketplace include:

- **Creating project NFTs.**
- **Facilitating the purchase and sale of NFTs.**
- **NFT Project Creator Royalties.**
- **Fiat Onramp.**
- **PayPal wallet integration. (Both Web2 & Web3)**
- **Creator Portal with dedicated analytics.**

True to our mission of empowering developers, The Hangar will feature permanent creator royalties and incentives to utilize the marketplace.

Mile High Club

The Mile High Club is an exclusive club for the top players on the Aviator Arcade platform. Every week, the top five highest-volume games and their corresponding top players will be selected and airdropped by a Mile High Club NFT. The opening utilities of these NFTs will be as follows:

- **10% off all games on Aviator Arcade. (This 10% will stack with any other existing discounts.)**
- **Prize Wall whitelist without needing a high score for access. (Mile High Club members are still limited to only one mint per week.)**
- **Discord Badging/Chat Access.**
- **Access to unique information pertaining to the Mile High Club partnerships including but not limited to sponsorships, early access, future utilities, etc.**

Disclaimer: There will be no public pre-mint or whitelist for other projects. These NFTs can only ever be earned through achieving high scores on Aviator Arcade. These NFTs can be sold or transferred on third-party marketplaces after the initial airdrop, but can only be purchased from those who have earned them.



ROADMAP

Hybrid Burn/Charity Initiative

Aviator Afterburner is our hybrid charity/burn portal that incorporates the minting of NFTs to bring value to community philanthropy. This mint will utilize the upper limit of mintable assets using Base Contracts, effectively giving these NFTs an unlimited supply. Recipient non-profit 501(c)(3) charities will be selected through the DAO.

To take a page from a classic story, we will be incentivizing both the burning and charitable contribution of Aviator Tokens using Golden Tickets.

The minting cost of 1 Aviator Chocolate Bar NFT will be 10 Aviator:
5 Aviator is burned.

5 Aviator is allocated toward Charitable organizations as voted on via DAO to be distributed at fiscal year-end.

1 in every 10,000 NFTs will be a "Golden Ticket" that grants the owner 25% off of the entire Aviator Arcade forever. Additionally, 20,000 plain Chocolate Bar NFTs will be redeemable for 1 "Golden Ticket" NFT.

To be continued. . .



Important Addresses

AVI Deployer: 0x1cFd452EB369a7B9475B07D1457dd1d0500fD788 | aviator-deployer.eth

Aviator Treasury: 0x550F25f78DAF6CCBda6c4F77e239B15b6AD48A8B | aviator-treasury.eth

Project Marketing Wallet: 0xd2bDaAF2b9cc6981fd273DcB7C04023bfbe0a7fe | aviator-marketing.eth

Operations Wallet: TBD | aviator-operations.eth

Charity Wallet: TBD

AVI Contract Address: 0xd2bdaaf2b9cc6981fd273dcb7c04023bfbe0a7fe

Team Tokens Timelock Contract: 0xDba68f07d1b7Ca219f78ae8582C213d975c25cAf

Multisig Signers (Treasury):

0x1cFd452EB369a7B9475B07D1457dd1d0500fD788

0xfd1c8918Bf9927e2C4E77B03E6cE8E1E21F2706B

0x74Dc0b431565a85713ea50479b60Ae1F0e699aa1

0xDfA4406E3A71251e3e1A501a0fe00b1773cc0c59

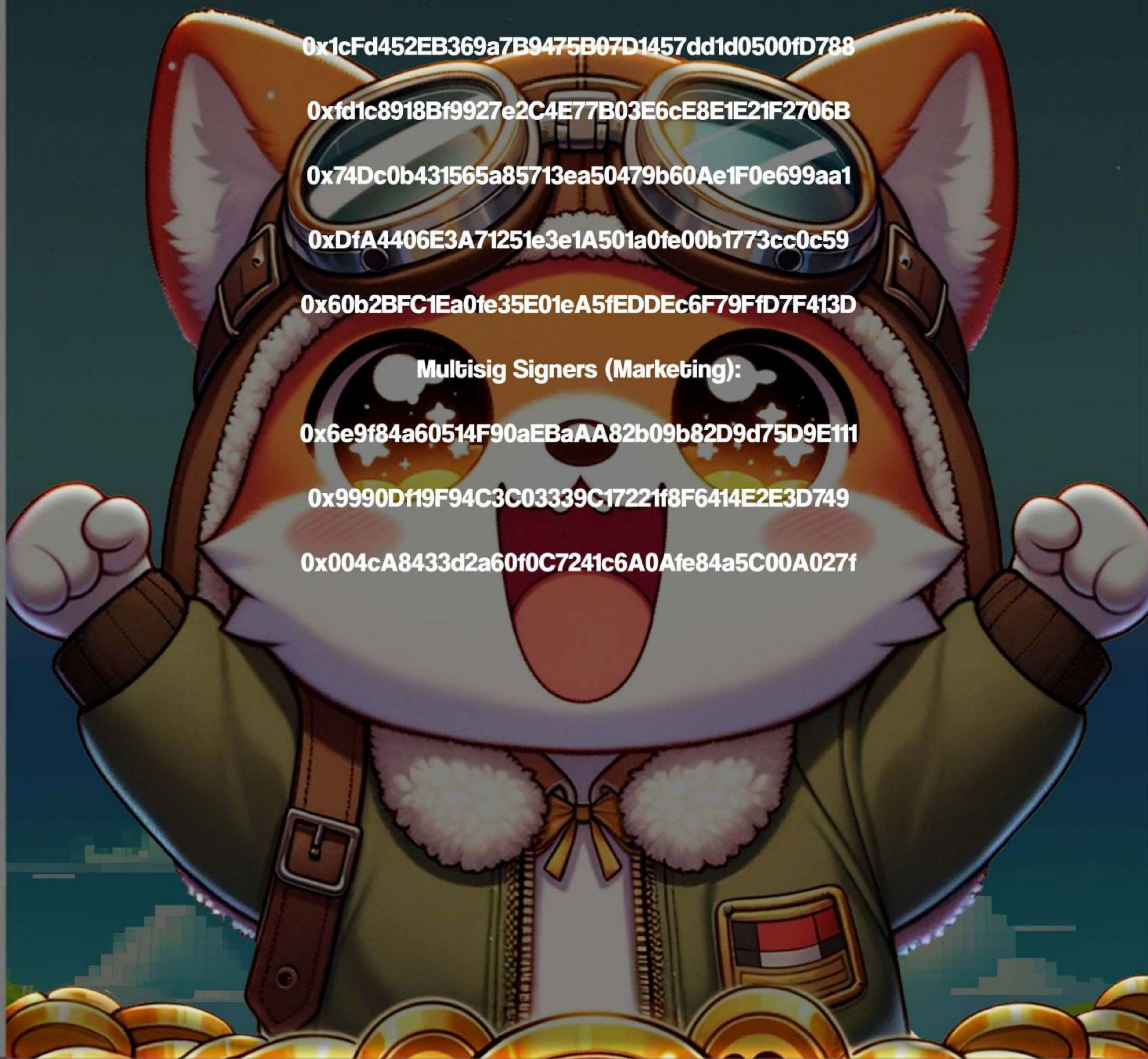
0x60b2BFC1Ea0fe35E01eA5fEDDEc6F79FfD7F413D

Multisig Signers (Marketing):

0x6e9f84a60514F90aEBaAA82b09b82D9d75D9E111

0x9990Df19F94C3C03339C17221f8F6414E2E3D749

0x004cA8433d2a60f0C7241c6A0Afe84a5C00A027f



Project Links

Website: <https://aviator.ac/>

Twitter: https://twitter.com/aviator_ac

Telegram: https://t.me/aviator_ac

Discord: <https://aviator.ac/discord>

Reddit: <https://www.reddit.com/r/DecentralizedAviators/>

Snapshot DAO: <https://snapshot.org/#/aviator-dao.eth>

Links: <https://aviator.ac/links>

CoinMarketCap: <https://coinmarketcap.com/currencies/aviator>

CoinGecko: <https://www.coingecko.com/en/coins/aviator>

Etherscan: <https://etherscan.io/token/0xd2bdaaf2b9cc6981fd273dcb7c04023bfbe0a7fe>

Audit:

https://github.com/solidproof/projects/blob/main/2023/Aviator/SmartContract_Audit_Solidproof_Aviator.pdf

DEXTools: <https://www.dextools.io/app/en/ether/pair-explorer/0x460b1cfb76a34d51f8ca8886371ef78e3f2b6b84>

Uniswap: <https://app.uniswap.org/#/swap?outputCurrency=0xd2bdaaf2b9cc6981fd273dcb7c04023bfbe0a7fe>

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Albuquerque, New Mexico
<https://aviator.ac>
contact@aviator.ac

