

GLASS HULL

PROOF POSIT · JFD-20260920-PP-00001 · Robinhood Chain fee distributions

2026-04-30 → 2026-09-06T11:04:57Z

Robinhood Chain fee distributions

Every payment the chain has made to the Arbitrum ecosystem, read from the chain

6b9d852546b04f343a7d59018c449b113a044cacae10202ce03c3b28bb83b5ac

PENDING · PENDING

PENDING · PENDING

PENDING · PENDING · PENDING

JFD-20260920-PP-00001 · 6b9d852546b0 · 1/1 · PENDING · <https://jetfyul.com/v/JFD-20260920-PP-00001>

Glass Hull · PP-Template 01-926 · Smoking Gun → 1911
Matchstick Made © 2026 · Jet Fyul Dynamics LLC

NOTE ON THIS DOCUMENT

The pages above reproduce the sealed document. The sealed record is a file.

What the Notary authorised, what both hardware witnesses signed and what the ledger event records is the file JFD-20260920-PP-00001.pdf - 4287866 bytes, SHA-256 b15b75eedd5fb3a3acd64178b994494911cf524fc9e4c145e30970da006841ed.

The sealed document JFD-20260920-PP-00001.pdf (4287866 bytes, SHA-256 b15b75eedd5fb3a3acd64178b994494911cf524fc9e4c145e30970da006841ed) is embedded in this PDF as a file attachment.

Its exact source, whose fingerprint the document prints, PP-003-v2-FULL-ASSEMBLED.md (13664 bytes, SHA-256 6b9d852546b04f343a7d59018c449b113a044cacae10202ce03c3b28bb83b5ac) is embedded in this PDF as a file attachment.

The anchor proof JFD-20260920-PP-00001.pdf.ots (821 bytes, SHA-256 139dea64ad2a078404da347347db4058a8c7eb214445cda70950af4142dcc62b) is embedded in this PDF as a file attachment.

The seal record from which the certificate is built seal-record-JFD-20260920-PP-00001.json (6679 bytes, SHA-256 3ca43a11bd99deed188750f8c17fba29340785412dabed55caaffb2cf54876ea) is embedded in this PDF as a file attachment.

Open the attachments pane of your PDF reader to extract them, and hash each file as stored.

What follows, in order

The seal page, carrying the seal record's values: fingerprint, ledger event, both witnesses and the anchor. After it, the certificate, built from the same seal record.

K. L. Phillips

K. L. Phillips, a man

Principal, Jet Fyul Dynamics LLC · The author stands behind every word.



BLOCK 2 — ISSUER

ISSUER Jet Fyul Dynamics LLC · Wyoming
RAIL Matchstick Tribunal
CUSTODY both witness keys held by the issuer, in silicon, on separate hosts; never exported

BLOCK 4 — WHO SIGNED IT

Two independent hardware witnesses. Conforming tests of a defined procedure — not a primary and a backup.

	WITNESS 1	WITNESS 2
chip identity	a9-atecc608b-slot0	a10-atecc608b-slot0
serial	0123ADA0711D8597EE	0123DC797ACC1195EE
curve	ECDSA-P256 (secp256r1)	ECDSA-P256 (secp256r1)
public key	d62d03f8dc3813fb5b74f2b64339d185...	853e69fc700990303abfe61358bfa456...
signature over artifact hash	→ ledger event 3024863	→ ledger event 3024863
signed (UTC)	→ event 3024863	→ event 3024863
federation peer	a10-atecc608b-slot0	a9-atecc608b-slot0
host · custody	A9 · Jet Fyul Dynamics LLC	A10 · Jet Fyul Dynamics LLC
certifies in accordance with	Fed. R. Evid. 902(13), 902(14)	Fed. R. Evid. 902(13), 902(14)
verified offline	→ event 3024863	→ event 3024863

Each signature verifies on its own, against its own public key, without the other and without anything of ours.
One signature is not a seal: if either witness is unreachable, no seal is produced. Both chips are the same make and model, provisioned and owned by the issuer — independent in custody and location, not in supply chain or ownership.

Full public keys, signatures, and the Rule 902(11) certification of a qualified person: ledger event → event 3024863 · <https://jetfyul.com/v/JFD-20260920-PP-00001>

Blocks 1-3 are inside these bytes; Block 4 live cells, Block 5 (Ed25519 a1-ledger) and Block 6 (Bitcoin anchor) live on the ledger and at <https://jetfyul.com/v/JFD-20260920-PP-00001>

CERTIFICATE OF AUTHENTICITY

Robinhood Chain fee distributions - JFD-20260920-PP-00001

The record

Document control number: JFD-20260920-PP-00001

Fingerprint (SHA-256 of the sealed file, raw bytes as stored): b15b75eedd5fb3a3acd64178b994494911cf524fc9e4c145e30970da006841ed

Sealed file: JFD-20260920-PP-00001.pdf, 4287866 bytes

Source fingerprint printed inside the document: 6b9d852546b04f343a7d59018c449b113a044cacae10202ce03c3b28bb83b5ac

Ledger event (kind-15): 3024863, event hash 0bdb2d14b709d8bf222ed1df552eaf6fb2e75c2bf73ad745ff5a2b9c5fabe5d3

Notary authorisation (kind-3): 3024861

Seal request signed by both witnesses: SHA-256 6a7152e801e0eef8e735317fda497c0ce784ae724c1fc95fc559c7b0175c5995

Anchor: OpenTimestamps, status PENDING, proof JFD-20260920-PP-00001.pdf.ots

Verification address: <https://jetfyul.com/v/JFD-20260920-PP-00001>

The two hardware witnesses

Witness 1 - host A9, a9-atecc608b-slot0, serial 0123ADA0711D8597EE, curve ECDSA-P256 (secp256r1), signed 2026-09-20T02:30:05.921503+00:00

Public key: d62d03f8dc3813fb5b74f2b64339d185742aabcae1bdcfd2f7a7ad59f1dd3c5d50e57effa4a3c888f58c3eca9d274bd7f0b8d263fa38bbf0bc6fbff6035c2411

Signature: afa65d899031e1f68128d3f701564f12ab04719dc3e141ea7b09076b447bbf150aef27bd3d189490de539ef40271e7a8f54e658176549e7a9a50eba3fe940e88

Witness 2 - host A10, a10-atecc608b-slot0, serial 0123DC797ACC1195EE, curve ECDSA-P256 (secp256r1), signed 2026-09-20T02:30:08.129901+00:00

Public key: 853e69fc700990303abfe61358bfa456160eaae1529dbc74805d1639cfc88e78497bbe060e7ae5d54466b2ce0a2753e14204a21eed4a132a61ace3294f9beba1

Signature: fca99a978a955a45b60d0680e62abd7471043f97951489b1dca6180706627f27332c82a4a56cfe76b299b84248d31505f5ddf22e8db0d26f99549c7ece5a229f

How to verify this without the Issuer, in six steps

(1) Extract JFD-20260920-PP-00001.pdf from this PDF's attachments and hash it as stored, with no normalisation. Its SHA-256 must equal the fingerprint above.

(2) Read ledger event 3024863 by its id. Its payload must carry that fingerprint as doc_sha256 and JFD-20260920-PP-00001 as dcn.

(3) Verify witness 1's signature as ECDSA over P-256, with the public key above, over the seal request bytes whose SHA-256 is 6a7152e801e0eef8e735317fda497c0ce784ae724c1fc95fc559c7b0175c5995.

(4) Verify witness 2's signature the same way. Each signature must verify under its own key and fail under the other's.

(5) Read the OpenTimestamps proof against the same fingerprint. Until a Bitcoin attestation is confirmed the anchor is PENDING, and this certificate says so.

(6) Open <https://jetfyul.com/v/JFD-20260920-PP-00001> and confirm it shows the same fingerprint, ledger event, witnesses and anchor.

This certificate goes to what the record is and that it has not been altered. It is not a sworn declaration and does not assert the truth of anything the document says.