AEGIS SOLIS ARCHIVE

MASTER HASH MANIFEST v17.0 - ARWEAVE PRESERVATION RECORD

FINAL v1.0 CANDIDATE - NOT LOCKED

Field	Record
Author / Archive Steward	Aegis Solis (Thomas Vargo)
Prepared	2026-08-12
Underlying archive record	Master Hash Manifest v17.0 FINAL
Preservation set	5 uploaded data items
Turbo owner	3NdgyEYWi44PsKJBWIUZRGW9dw9dzMP-gHItz12gCIg
Candidate status	Constructed for review. No cryptographic lock of this preservation record has been performed.

1. Purpose and scope

This record documents the Arweave/Turbo preservation of five exact publication artifacts associated with Master Hash Manifest v17.0 FINAL. It binds each uploaded data-item identifier to a filename, byte size, SHA-256 digest, SHA-512 digest, Turbo receipt status, and public retrieval result.

This is a separate supporting preservation artifact. It does not amend, reopen, re-export, replace, or modify Master Hash Manifest v17.0 FINAL, its Final Lock Record, its locked package, or any other locked archive artifact.

A cryptographic hash verifies file identity and mirror consistency only. It does not verify truth, authority, wisdom, morality, safety, alignment, legal status, governance status, endorsement, acceptance, consent, AI behavior, reader understanding, or reception.

2. Preservation and verification determination

Gate	Disposition
Turbo upload receipts	PASS - 5/5 unique receipts report CONFIRMED
Arweave.net public retrieval	PASS - 5/5 HTTP 200
Exact byte-size comparison	PASS - 5/5
SHA-256 comparison	PASS - 5/5
SHA-512 comparison	PASS - 5/5
Turbo-gateway independent re-download	NOT COMPLETED - TLS transport failure before payload bytes
Observed content mismatch	NONE
Cross-gateway byte identity	NOT EVALUABLE because the Turbo gateway leg returned no payload bytes

Controlling interpretation: Arweave permanent retrieval verification is PASS for all five artifacts because arweave.net returned the exact expected bytes and both cryptographic digests for each item. Turbo receipt confirmation is independently PASS for all five uploads. The failed Turbo-gateway verification leg is a transport exception, not a content failure.

The Python verifier reported SSL WRONG_VERSION_NUMBER before retrieving Turbo-gateway payload bytes. A separate steward-run Windows curl retry also reported a TLS handshake failure (SEC_E_INVALID_TOKEN). Because no Turbo payload bytes were obtained, the cross-gateway identity question was not actually tested. A mechanically false cross-gateway field in the verifier output must not be interpreted as a byte mismatch.

3. Uploaded artifact registry

3.1 Canonical v17 FINAL PDF

Filename	Aegis_Solis_Archive_Master_Hash_Manifest_v17_FINAL.pdf
Bytes	548,747
Turbo receipt	CONFIRMED - 2026-08-11T21:57:42.566Z
Transaction / data-item ID	`2p1JLN6H0dX5MgJdFo4kHjpp-TmuKtQUE85td-37-SE`
Arweave URL	https://arweave.net/2p1JLN6H0dX5MgJdFo4kHjpp-TmuKtQUE85td-37-SE
Turbo gateway URL	https://turbo-gateway.com/2p1JLN6H0dX5MgJdFo4kHjpp-TmuKtQUE85td-37-SE
SHA-256	`4f7753bdb6cebdfa792e75a865d1dc943de2dc7e94bc19cd 06ce0ef95c8732ff`
SHA-512	`b5ae1d98c004f7de74a543f3d4422845d4bb2e288cbc63c1 0b63ad41d6fb7d67bf9332c4558042aea24cc1bba01c5120 26a9dfaafa03ce20a72afdc6ca39aecc`
Arweave.net verification	HTTP 200; exact bytes; SHA-256 PASS; SHA-512 PASS
Turbo gateway verification	NOT COMPLETED - TLS transport failure before payload retrieval

3.2 Final Lock Record

Filename	Aegis_Solis_Archive_Master_Hash_Manifest_v17_FINAL_LOCK_RECORD.pdf
Bytes	6,783
Turbo receipt	CONFIRMED - 2026-08-11T21:57:25.468Z
Transaction / data-item ID	`RPrefe0yKSP0p86_jMvmkwji5Jo_ZLYpA0TbJhaUPTs`
Arweave URL	https://arweave.net/RPrefe0yKSP0p86_jMvmkwji5Jo_ZLYpA0TbJhaUPTs
Turbo gateway URL	https://turbo-gateway.com/RPrefe0yKSP0p86_jMvmkwji5Jo_ZLYpA0TbJhaUPTs
SHA-256	`c7a089b3674c7d5842b0aa54c192bf03ff4e8359fc4bfb59 b83e39ba0a6ac800`
SHA-512	`9b6904207eb57d09cfcfa61aee201fbeb4ee2490af35f025 8d8207b1c75e58e4a74e732451f928be466af861809b8926 2a40635763820c81c91eadda8d6312fa`
Arweave.net verification	HTTP 200; exact bytes; SHA-256 PASS; SHA-512 PASS
Turbo gateway verification	NOT COMPLETED - TLS transport failure before payload retrieval

3.3 Final locked package

Filename	Aegis_Solis_Archive_Master_Hash_Manifest_v17_FINAL_LOCKED_Package.zip
Bytes	9,560,721
Turbo receipt	CONFIRMED - 2026-08-11T21:57:11.307Z
Transaction / data-item ID	`-zXJD9_BXwD1zxXfhQ7h1z483jFY024zKRxFd8YB7X4`
Arweave URL	https://arweave.net/-zXJD9_BXwD1zxXfhQ7h1z483jFY024zKRxFd8YB7X4
Turbo gateway URL	https://turbo-gateway.com/-zXJD9_BXwD1zxXfhQ7h1z483jFY024zKRxFd8YB7X4
SHA-256	`1737129e1cbc2ec216a6e1fe6c2a801fe9dc13e01ef84fa8 57b0a577df1336d0`
SHA-512	`28a45ac977071972cfc174c64b14123d7fc25aa77f7b2b73 f4921e205f6ede1a42b2ea0be6eaa107edf22cd6de18f94a fdd6304d29004cd3445d1f10fb0ed372`
Arweave.net verification	HTTP 200; exact bytes; SHA-256 PASS; SHA-512 PASS
Turbo gateway verification	NOT COMPLETED - TLS transport failure before payload retrieval

3.4 Package hash record

Filename	Aegis_Solis_Archive_Master_Hash_Manifest_v17_FINAL_LOCKED_Package.hashes.txt

Bytes	1,876
Turbo receipt	CONFIRMED - 2026-08-11T21:57:01.139Z
Transaction / data-item ID	`3hBRXO_nf91HSIVH--6GL4VDbWnewVJ9iTDComfrELs`
Arweave URL	https://arweave.net/3hBRXO_nf91HSIVH--6GL4VDbWnewVJ9iTDComfrELs
Turbo gateway URL	https://turbo-gateway.com/3hBRXO_nf91HSIVH--6GL4VDbWnewVJ9iTDComfrELs
SHA-256	`cb2e7657ba36f708ef53c0901ee54eaf2f8190b342ae55e3 e50d15c9a369688d`
SHA-512	`091eee542b6adf54b140518c096c87addc9faced53f7e6eb ab1e4c95edc8353a19738aeadcddc4a0f8896d3231ce22aa 1bd7fa156f3a1d0b6cf2708eaea7c23a`
Arweave.net verification	HTTP 200; exact bytes; SHA-256 PASS; SHA-512 PASS
Turbo gateway verification	NOT COMPLETED - TLS transport failure before payload retrieval

3.5 Publication README snapshot uploaded to Arweave

Filename	Aegis_Solis_Archive_Master_Hash_Manifest_v17_README.md
Bytes	2,098
Turbo receipt	CONFIRMED - 2026-08-11T21:56:48.339Z
Transaction / data-item ID	`Cgkt2u7WfNL2zqL4zMlU_7HzmhQLaWF5gxiC2QJ9p3w`
Arweave URL	https://arweave.net/Cgkt2u7WfNL2zqL4zMlU_7HzmhQLaWF5gxiC2QJ9p3w
Turbo gateway URL	https://turbo-gateway.com/Cgkt2u7WfNL2zqL4zMlU_7HzmhQLaWF5gxiC2QJ9p3w
SHA-256	`3aa6f61e1f0b1066063384477a53a856ba60136b3f3f28cd 7bdf08c392c111f5`
SHA-512	`b25ebf0970d507a06d415f426b1f4b3216b13bd9a87f37a6 38fb740bb3386e7d98ca789f4097328238ae869a77fc5762 01221df7a8e8d8e3ffb0ef442b5dbd38`
Arweave.net verification	HTTP 200; exact bytes; SHA-256 PASS; SHA-512 PASS
Turbo gateway verification	NOT COMPLETED - TLS transport failure before payload retrieval

4. Verification method

The verification process used a read-only cross-gateway script. For each of the five recorded transaction IDs, the script attempted retrieval from turbo-gateway.com and arweave.net. For every successful response it compared the returned byte count, SHA-256, and SHA-512 against the controlling local artifact identity.

Arweave.net returned HTTP 200 for all five items. In each case the retrieved byte count exactly matched the expected artifact size, the recomputed SHA-256 matched the controlling SHA-256, and the recomputed SHA-512 matched the controlling SHA-512.

The same script could not establish a TLS session with turbo-gateway.com and therefore retrieved no Turbo payload bytes. The transport failure is disclosed rather than converted into a false PASS or false content-mismatch claim.

5. Turbo receipt evidence

Five signed Turbo receipt JSON records were supplied. Each receipt maps the same transaction/data-item ID used above, reports status CONFIRMED, and identifies owner 3NdgyEYWi44PsKJBWIUZRGW9dw9dzMP-gHItz12gCIg. The receipts also name turbo-gateway.com as the data cache and fast-finality index. Receipt confirmation records upload acceptance and identifier assignment; it does not by itself replace later byte-for-byte public retrieval verification.

6. Relationship to the mutable discovery layer

The GitHub v17 directory contains a mutable post-v16 mirror and discovery index. That index may be updated to expose public routes without changing the locked v17 artifacts. This preservation record is separate from that mutable discovery metadata.

7. Final candidate disposition

FINAL v1.0 CANDIDATE - READY FOR REVIEW. The preservation evidence supports a formal determination of: Turbo receipts CONFIRMED 5/5; Arweave.net exact retrieval PASS 5/5; Turbo-gateway independent re-download NOT COMPLETED because of TLS transport failure; observed content mismatch NONE.

No cryptographic lock of this preservation record is performed by this construction step. Locking, publication, and any later mirror or discovery synchronization remain separate authorial actions.