ALPARSLAN: The Anatomy of Dominance

Full Technical Analysis of the Greenham Stakes (G3) – Newbury – 1400m

TOP SPEED

40.00 MPH

T: +01:12.45
POS: 51.5074N, 0.1278W

MAX STRIDE

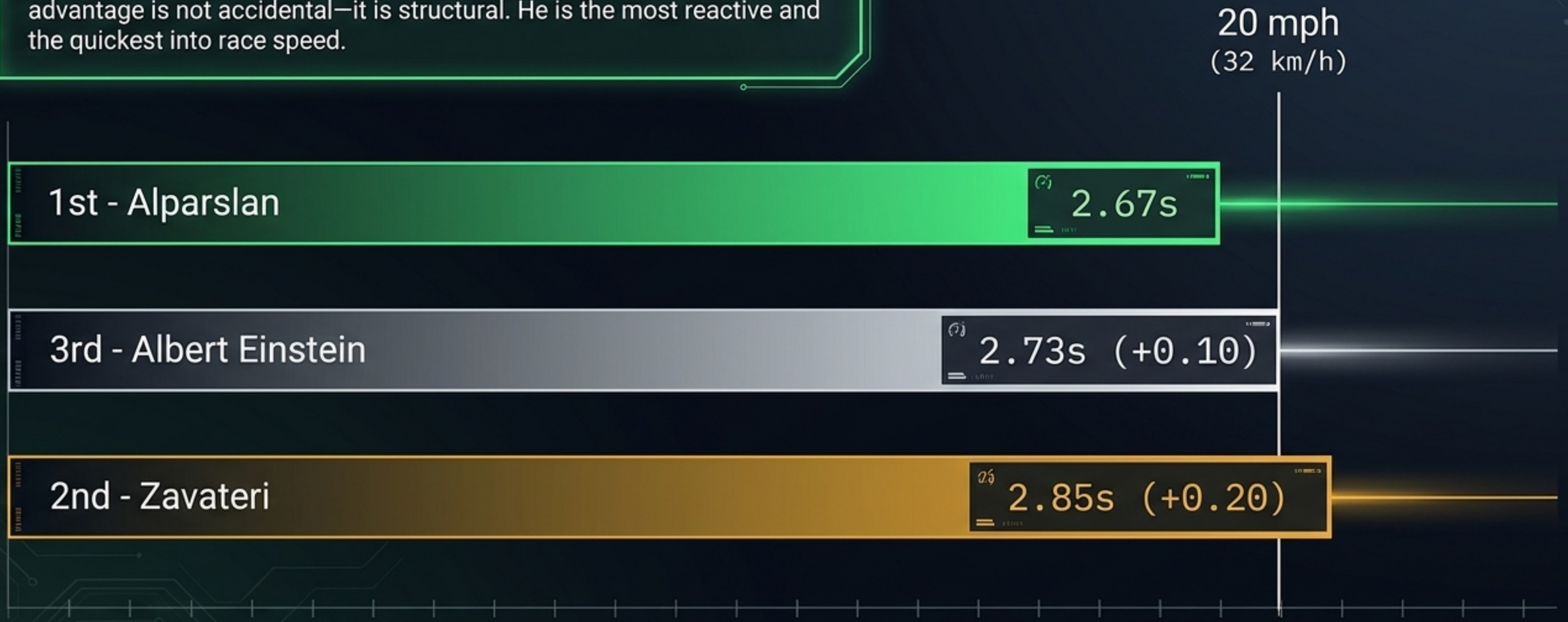
8.04 METERS

T: +01:12.45
POS: 51.5074N, 0.1278W

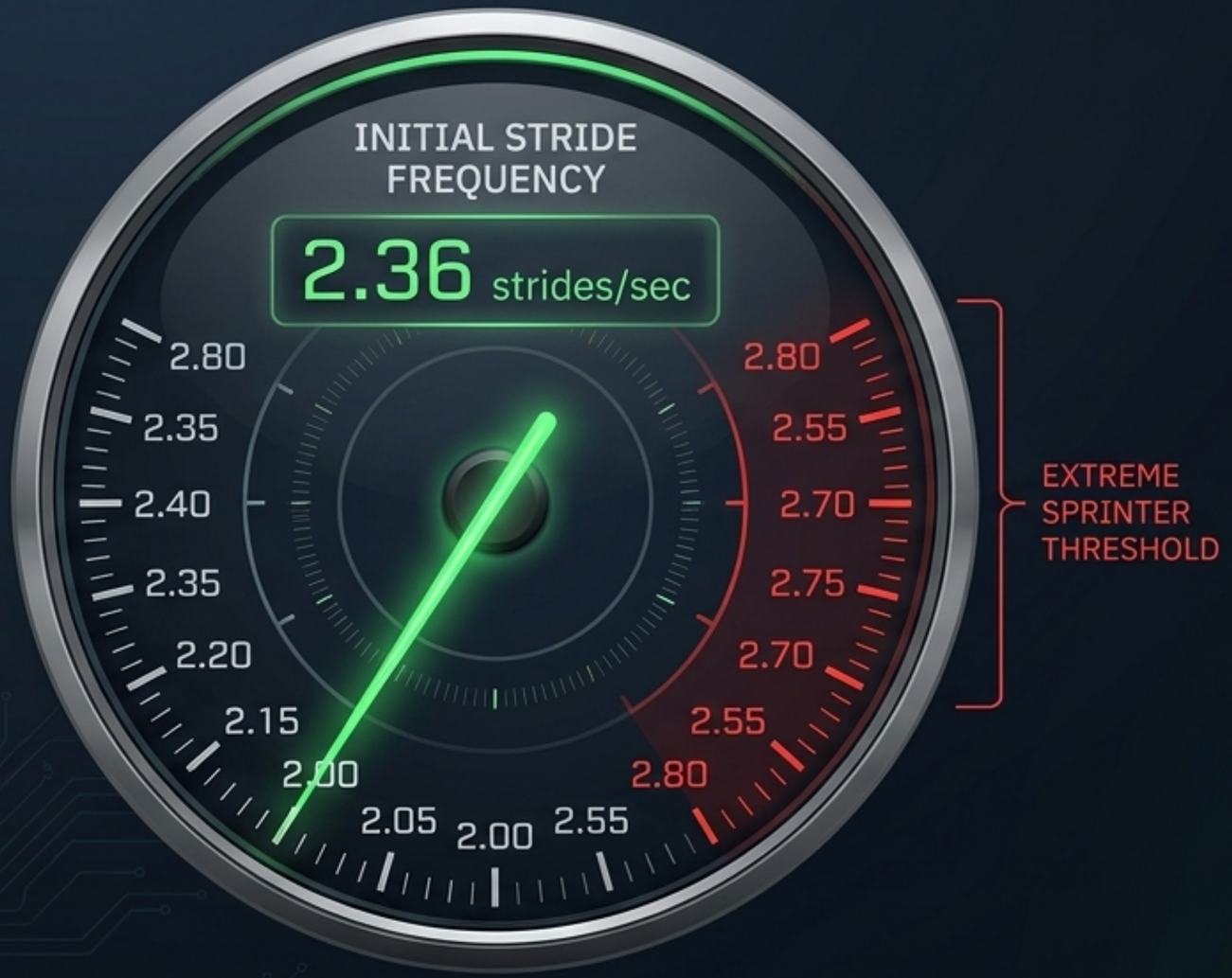
SUPERIORITY IS MECHANICAL, ENERGETIC, AND STRUCTURAL.

Immediate Dominance Out of the Gates

Insight: He broke sharply and took the lead instantly. This early advantage is not accidental—it is structural. He is the most reactive and the quickest into race speed.



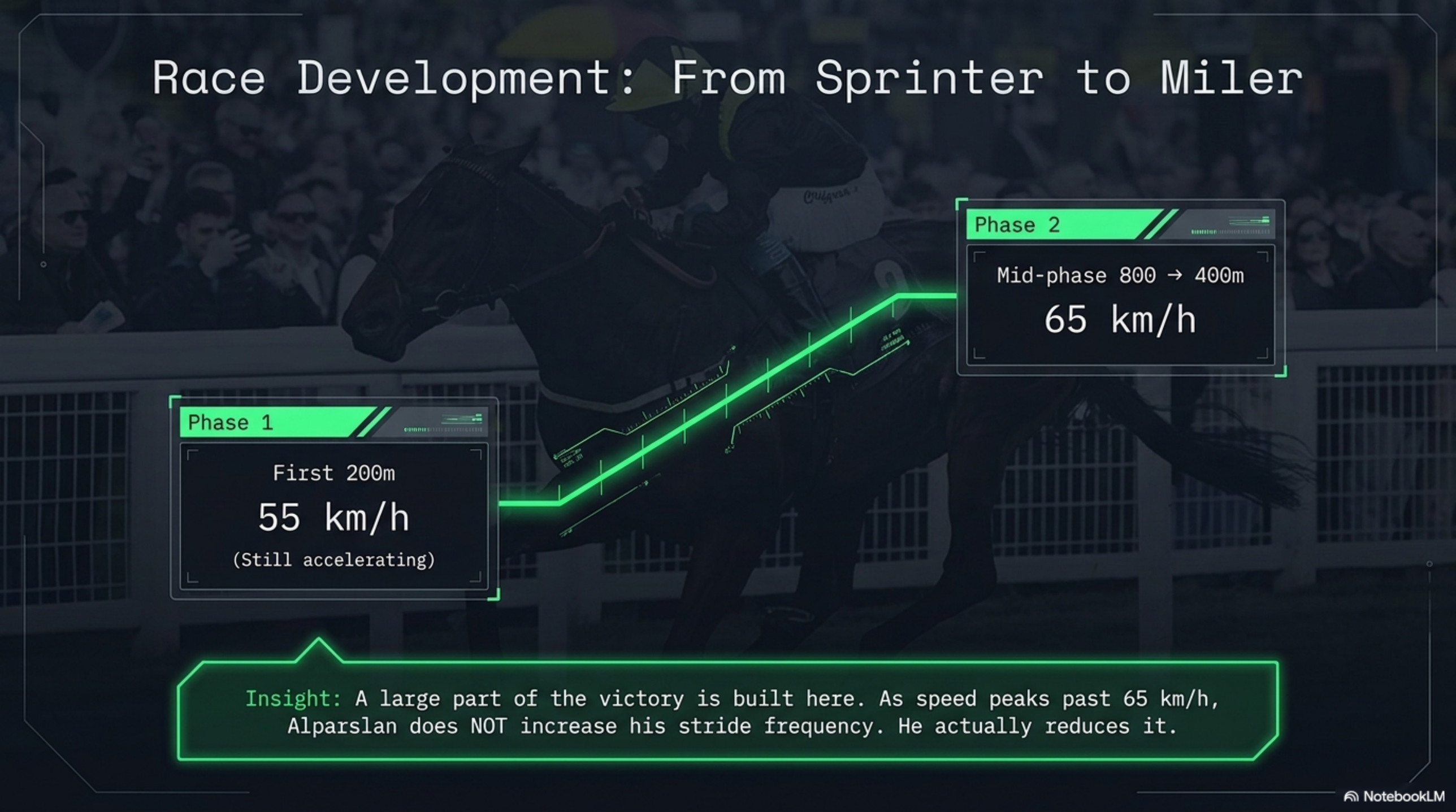
Acceleration Without Biomechanical Stress



Insight: The initial frequency is high but strictly controlled. Delivers maximum reactivity without the extreme biomechanical stress of a pure sprinter, preserving vital energy for race development.

00:05:08

Race Development: From Sprinter to Miler



Phase 1

First 200m

55 km/h

(Still accelerating)

Phase 2

Mid-phase 800 → 400m

65 km/h

Insight: A large part of the victory is built here. As speed peaks past 65 km/h, Alparslan does NOT increase his stride frequency. He actually reduces it.

THE CORE BIOMECHANICAL ANOMALY: STRIDE LENGTH VS. FREQUENCY

THE FIELD / STANDARD ACCELERATION

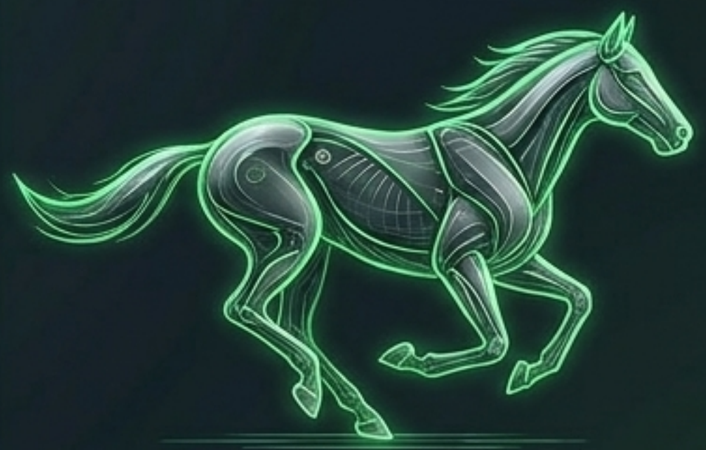
FREQUENCY ↑

BALANCE ↓

ENERGY CONSUMPTION ↑

Other horses accelerate by increasing frequency, which causes a loss of balance and consumes maximum energy.

ALPARSLAN'S ACCELERATION



STRIDE LENGTH ↔

FREQUENCY ↓

BALANCE —

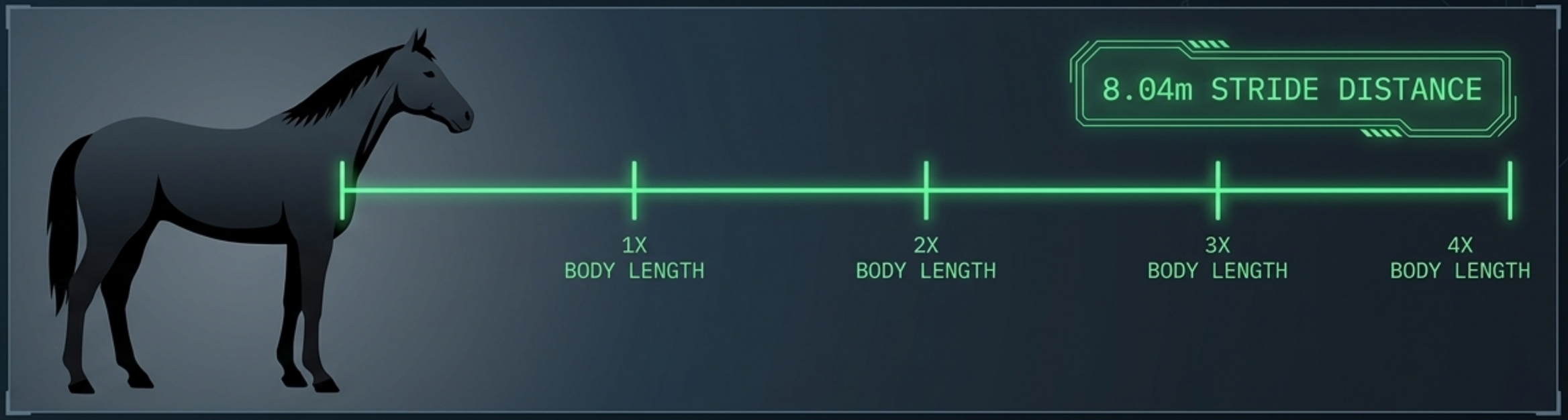
Alparslan remains smooth and balanced. He produces speed with higher efficiency by accelerating through stride length, not frequency.

HUD SYSTEM: ACTIVE
00:00:03 - 03:47:00

TELEMETRY DATA FEED: LIVE
00:05:33


SHATTERING THE 8-METER SOUND BARRIER
Exceeding 8 meters per stride is the mechanical limit for a thoroughbred.
MAX LENGTH 8.04m
MAX SPEED
65 km/h
2

SUPERIOR ANAEROBIC CAPACITY



MAX FREQUENCY: 2.36 Hz

Insight: Covering approximately four times its body length in a single stride indicates exceptional spinal flexibility and outstanding hindquarter power.

Crucial finding: Maintaining a long stride even as frequency rises is a definitive sign of superior anaerobic capacity, avoiding the stride-shortening fatigue seen in standard horses.

FINAL PHASE CONTROL & MECHANICAL STABILITY

AVERAGE STRIDE (FINAL 200M)

7.67 m

FREQUENCY (FINAL 200M)

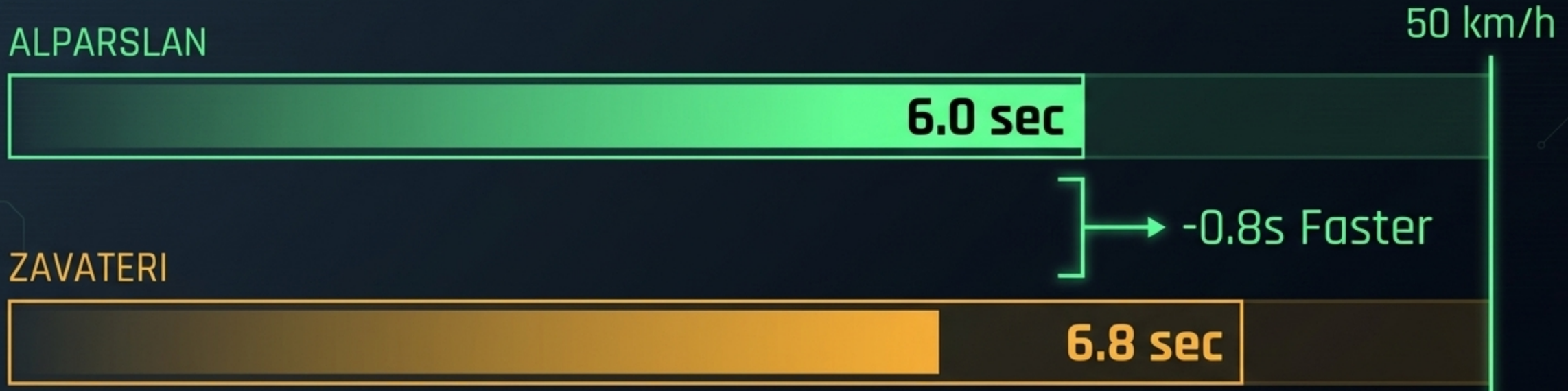
2.25 strides/sec

Insight: During a typical deceleration phase, Alparslan remains focused, balanced, and mechanically stable. He maintains a massive stride length while operating at a highly efficient, low frequency.

HUD SYSTEM: ACTIVE
00:10:4S - G3:S2:00

TELEMETRY DATA FEED: LIVE
00:10:59

THE ZAVATERI QUESTION: ALTERNATIVE SCENARIO ANALYSIS



Insight: If the favorite (Zavateri) had found running room earlier, he would not have won. The critical gap in reaching top speeds and peak mechanical stability proves Alparslan would have resisted the challenge.

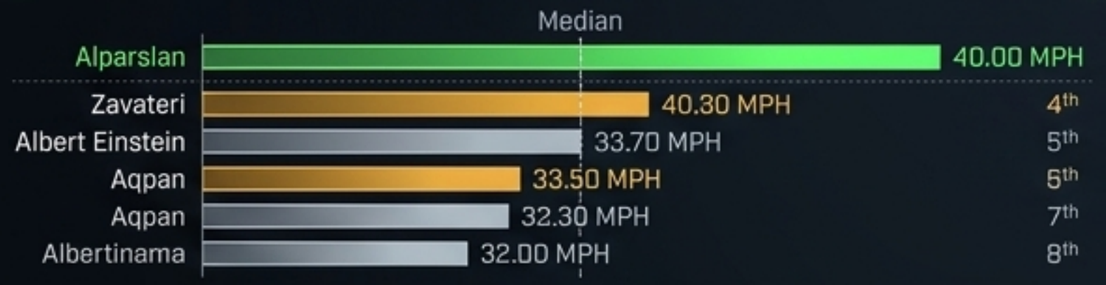
HUD SYSTEM: ACTIVE
TELEMETRY DATA FEED: LIVE

OVERALL BIOMETRIC DOMINANCE: THE IDENTIKIT

00:11:23 - 04:01:00

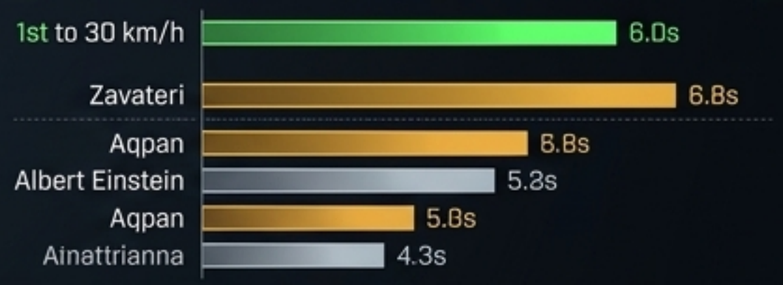
SPEED 1

1st | TOP SPEED: 40.00 mph



ACCELERATION 2

1st to 50 km/h (6.0s)



STRIDE 3

1st | MAX LENGTH: 8.04m

2nd | AVERAGE LENGTH: 7.67m (vs 7.70m best)

FREQUENCY 4

LOWEST OVERALL FREQUENCY: 2.25 strides/sec

HUD SYSTEM: ACTIVE
TELEMETRY DATA FEED: LIVE
00:11:23 - 04:01:00

Insight: Leading the field in maximum mechanical stability and maximum energy efficiency.

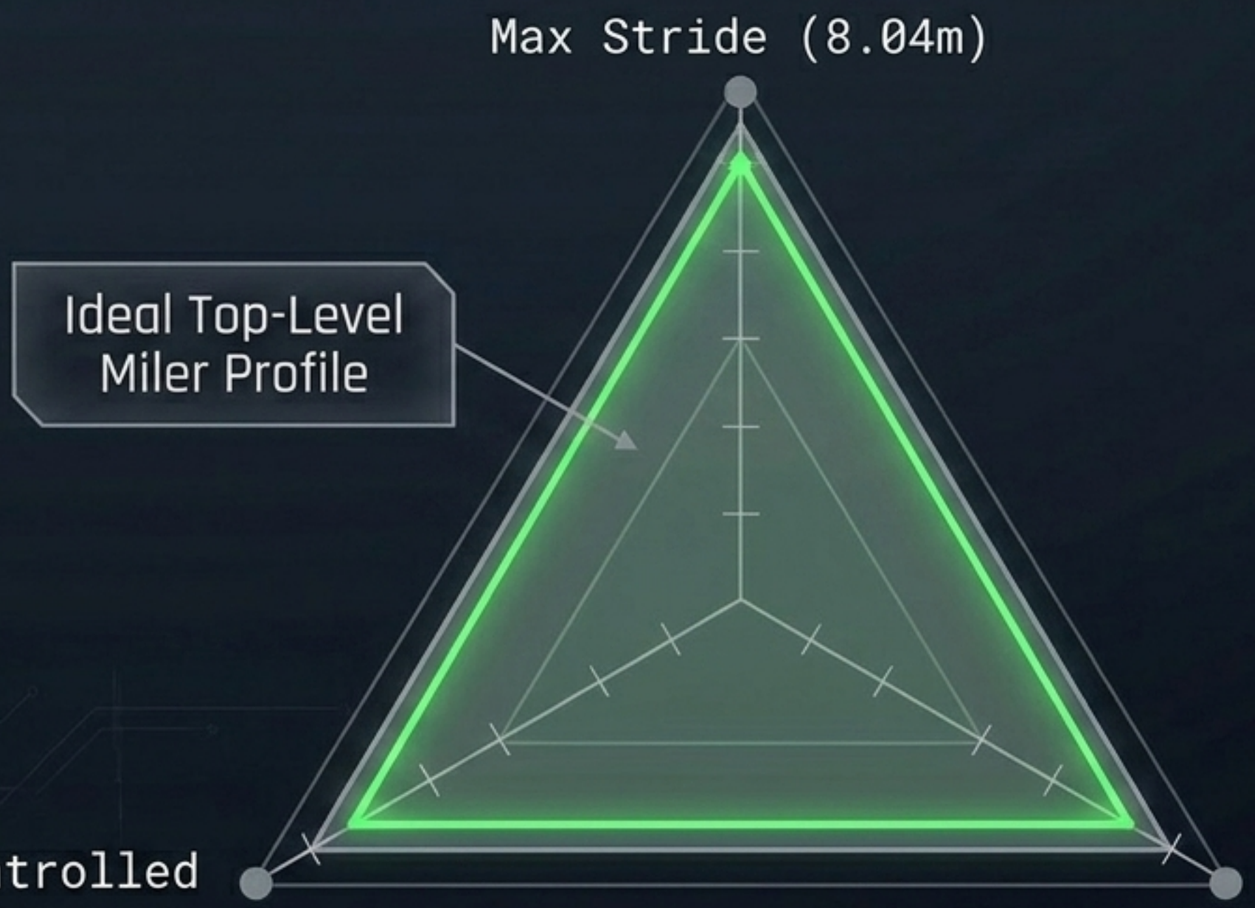
HISTORICAL CONTEXT: BENCHMARK MATRIX

JONQUIL (Previous Winner)	ALPARSLAN
Average Stride: 7.32 m	Average Stride: 7.67 m
Frequency: 2.36	Frequency: 2.25
Notes: Achieved on softer ground.	Notes: Unprecedented structural extension.
Profile: Standard miler.	Profile: Advanced, high-efficiency miler.

THE DIFFERENTIAL

+0.35 m
advantage in stride length

Distance Projection: 1600m



Insight: These are the exact biometric values of top-level level milers and intermediate-distance horses.

His profile perfectly aligns with elite 1600m mechanics.

A sprinter at the start.

A miler in race development.

An efficient finisher.

Alparslan does not just stay the mile.
He is built to improve over it.

(The mile is not a question mark. It is a competitive advantage.)