ENVIRONMENTALLY

SUSTAINABLE

Is GREEN SPEED Possible?

Boeing 707 – Enters Service 1958

Brief History of Speed – But, Was Not Sustainable

UK and France

Noble Experiment
But Not Sustainable

Soviet Union

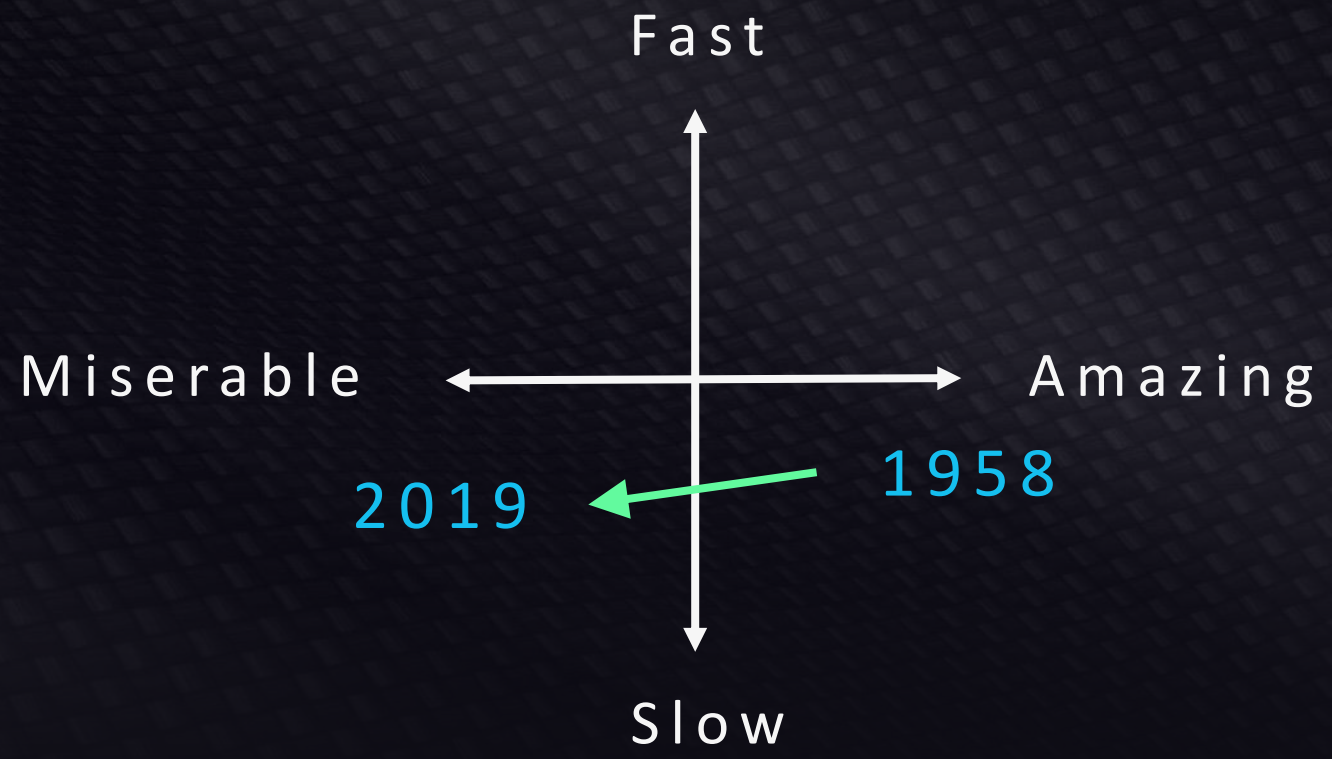
Not Even a Noble
Experiment

Business Aviation

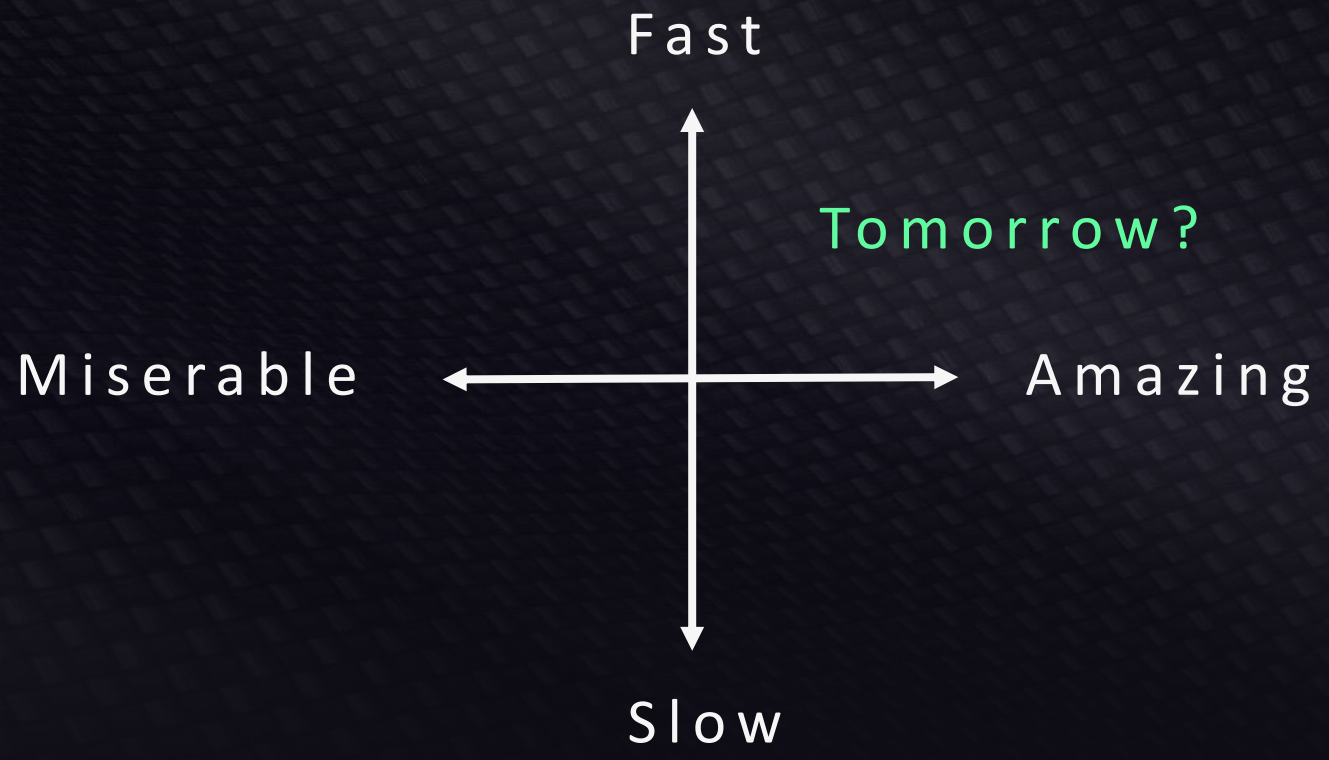
Fifty years of Existence

Only 10 Percent Increase in Speed

INNOVATION IN
GLOBAL MOBILITY
HAS GONE
BACKWARDS IN 60
YEARS



Can We Give Humanity Back Time, and Be Kind to Our Planet?



Why We Exist

OUR VISION

To build the next generation of global air transportation networks

HOW WE DO IT

High-speed mobility solutions that significantly reduce the time, enhance the experience, and leave no carbon footprint behind

WHAT WE BELIEVE

Time is our most precious resource

We can create a better travel experience

We can create a more connected world where distance is no longer a barrier

We can be kind to our planet

Coalescing Technologies
Aircraft Operations

AIRPORT NOISE

Meets the strictest noise requirements

Stage 5 levels

EMISSIONS

20-40% below current supersonic standards

Path to carbon neutrality

Support SAF supply chain and pressure demand

SONIC BOOM

Flies subsonic over land faster than any other aircraft

Boomless Cruise™ capability

Airport Noise – Stage 5 Levels

Designed With Surrounding Communities in Mind

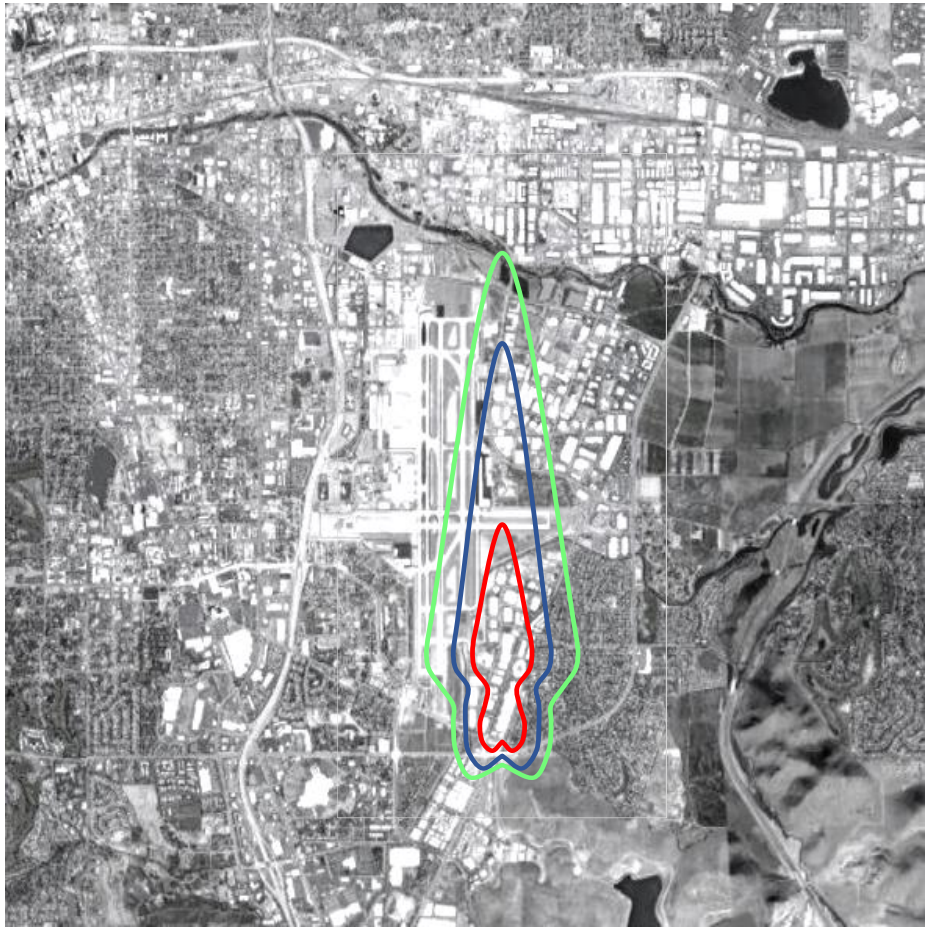
Mid bypass ratio engine

Low Jet Velocity

Modified VNRS to reduce TO thrust levels

High climb rate

Noise levels comparable to those of a modern 737 and far from the Concorde days

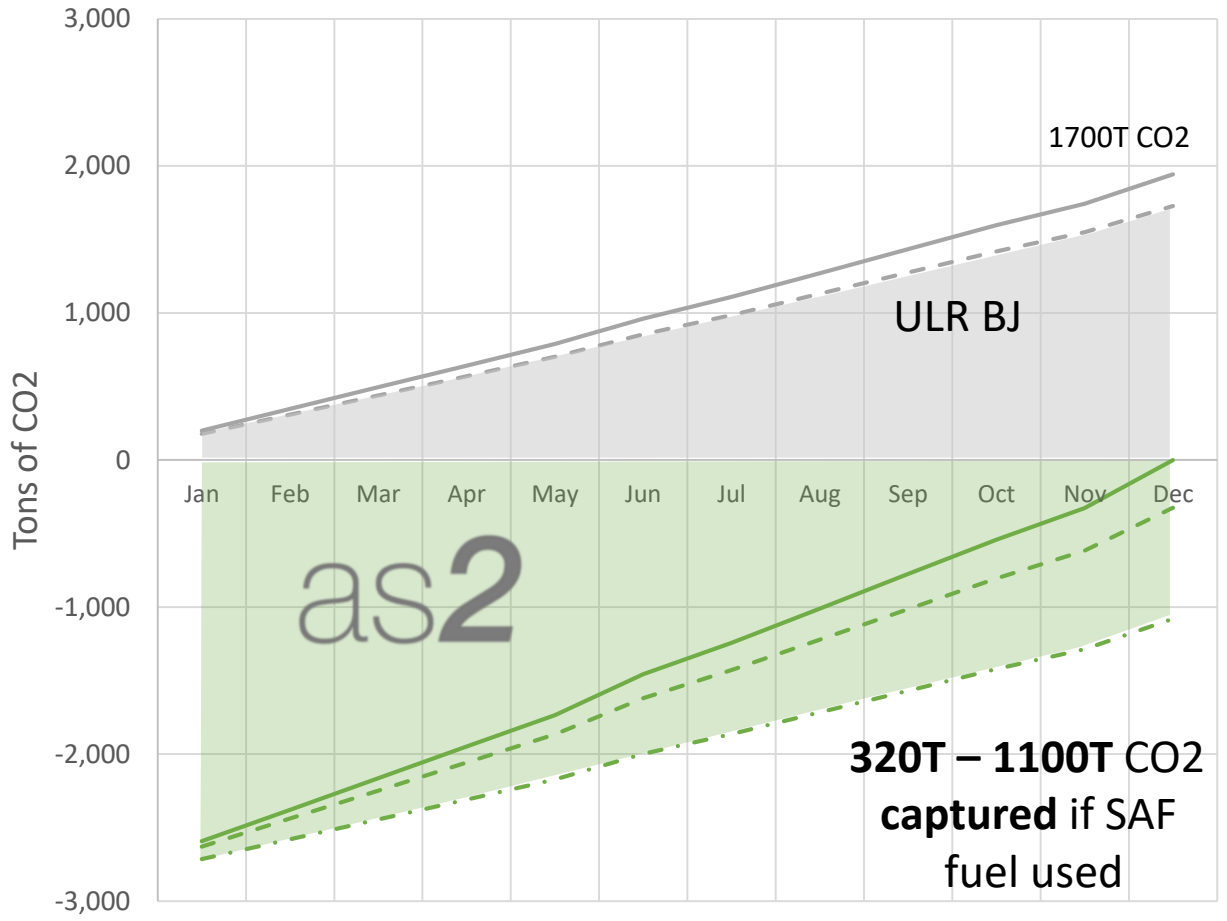


The First Negative CO2 Emissions Aircraft

Regular large cabin business jet annual CO2 production estimated at 1700T using a 30% blend of SAF

Aerion's CO2 capture initiative makes AS2 airplanes operationally **CO2 neutral** independent of operator's choice of fuel

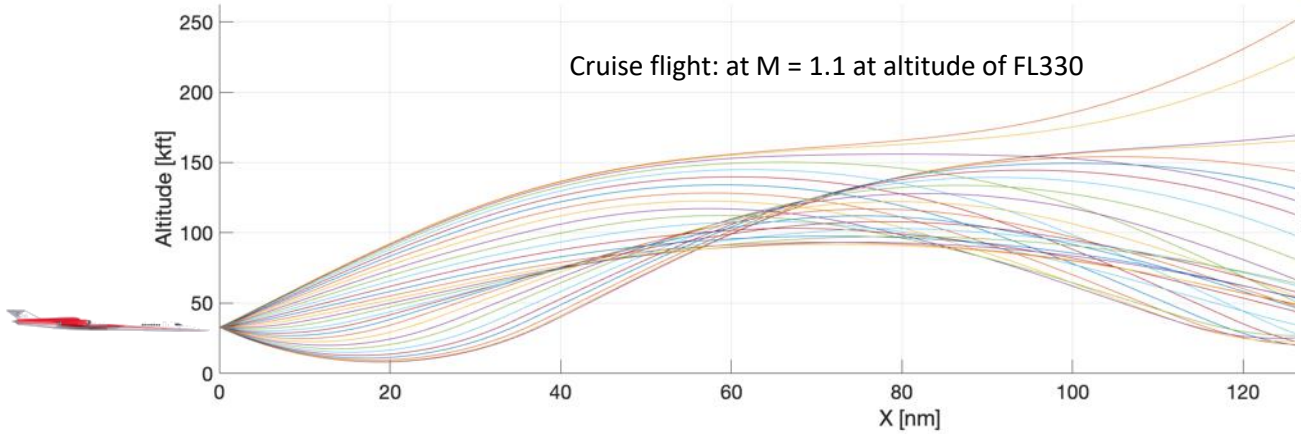
Whenever SAF blends are used the AS2 will be **Carbon NEGATIVE**

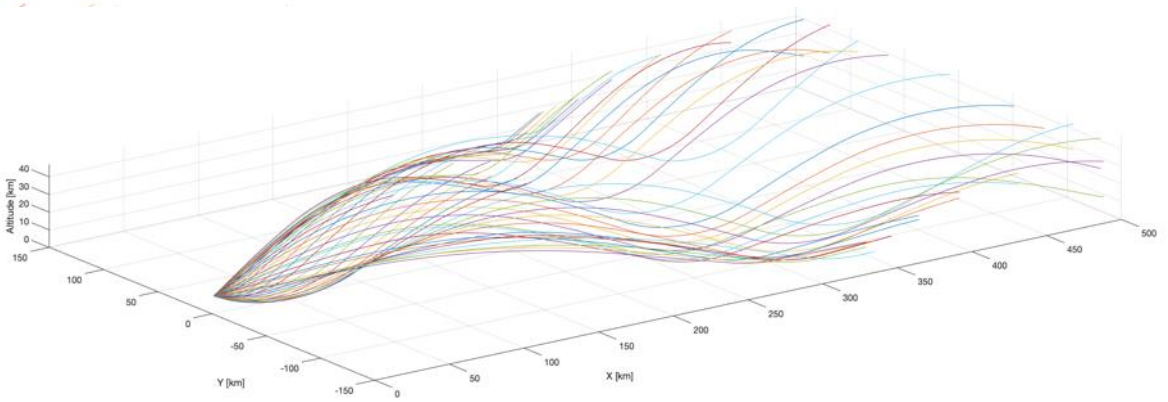


Boomless Cruise™

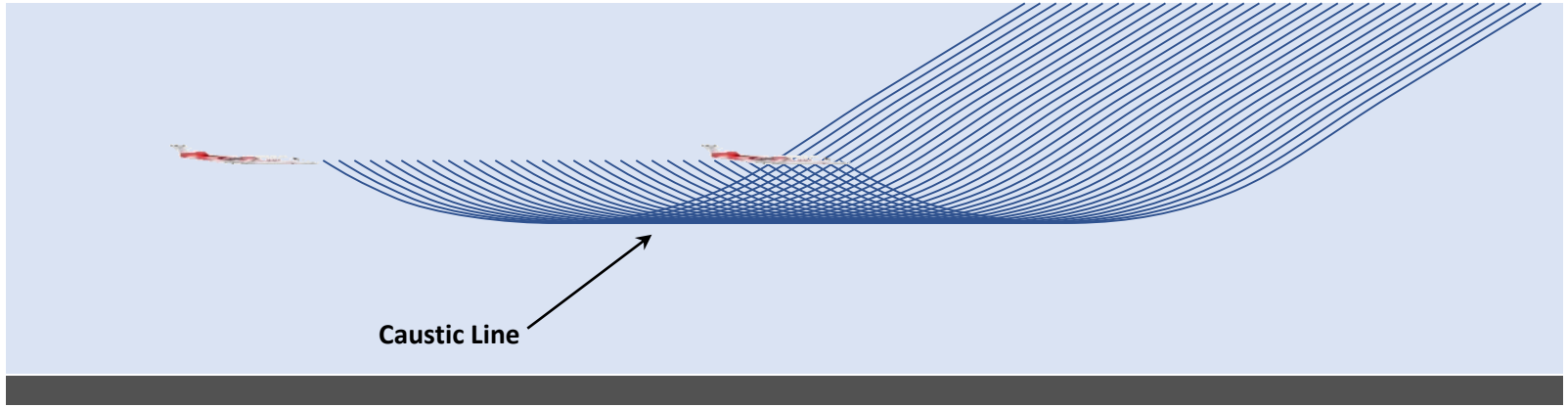
Fundamentals of Shock Wave Propagation

- Ray tracing is the calculation of wave propagation along the ray path through the atmosphere





- The caustic line is defined by a sequence of points in time where the rays change slope and are directed upwards



Our Pledge: Starting Now

Being kind to our planet is deeply engrained into our ethos – it is part of who we are. We are committed to building our company from scratch on a commitment that **we will have carbon neutral emissions from day one**.

- Our goal – bring the world's connections closer together by removing the barrier of time and distance, but we will not do this at a cost to our environment.
- Speed and protection of our environment are not mutually exclusive. Green Speed is possible.

AERION SUPERSONIC

Our Commitment: Deeds Not Words

- Our commitment extends beyond the output of our aircraft over their lifespan
  - the processes and materials we use to construct them,
  - the facilities housing our operations, and in time
  - aircraft retirement at end-of-service
- We will hold others to the same standards as we do ourselves.
- We believe that with innovation, sustainable supersonic travel is possible.

AERION SUPERSONIC

We Are Committed to Addressing Climate Change

Our Aircraft: Designed For Fuel Efficiency

Creative new aircraft designs – Advanced aerodynamics and non-afterburning fuel efficient engines

Our Energy Source: Designed To Run Clean

First aircraft and engine in the world designed from the start to run on 100% SAFs – Net carbon 80% reduction

Our Customers: Customer Care Program Designed For Carbon Neutral Flying

First customer care program that provides carbon offsets for up to 300 flight hours per year.

Our Planet: Partnership Program Designed to Reforest The World

Aerion in partnership with groups like One Tree Planted and Plant-It. Aerion will plant 100,000,000 trees.

AERION SUPERSONIC

- Being kind to our planet is deeply engrained into Aerion's ethos
- We don't believe speed and protection of our environment are mutually exclusive
- Our environmental commitment extends to our company and our products

Green Speed ***is*** Possible

AERION SUPERSONIC