



TERRA

AURORA

OPERATIONS LICENSE

November 2024

# Contents

INTRODUCTION ..... 3

1.1 OUR COMPANY ..... 3

1.2 LOCATION.....4

1.3 ENVIRONMENTAL IMPACT ..... 5

1.4 SAFETY ZONES AND RISK MANAGEMENT ..... 5

1.5 INFRASTRUCTURE AND FACILITIES ..... 6

1.5 REGULATORY COMPLIANCE..... 7

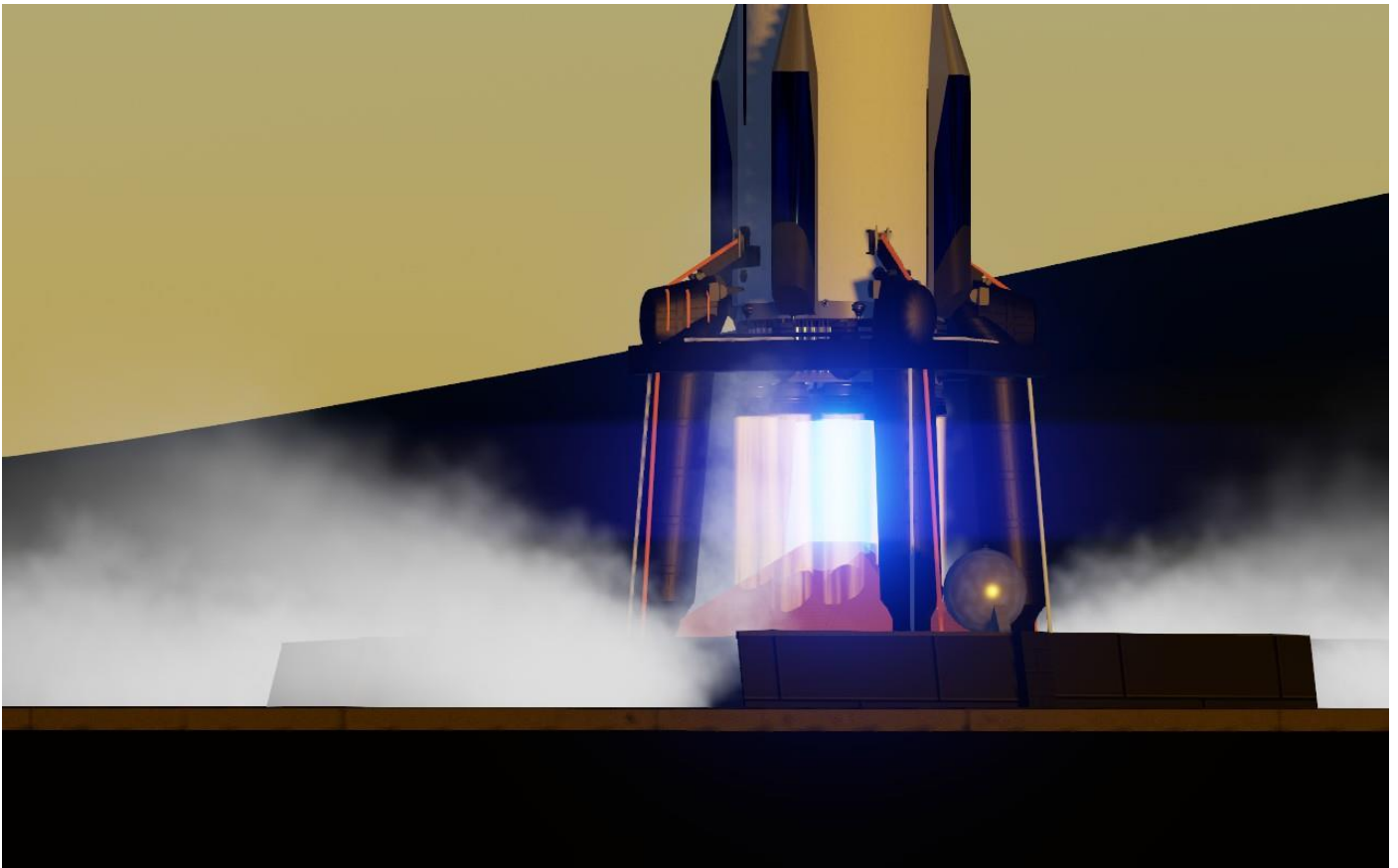
CHANGELOG ..... 7



# INTRODUCTION

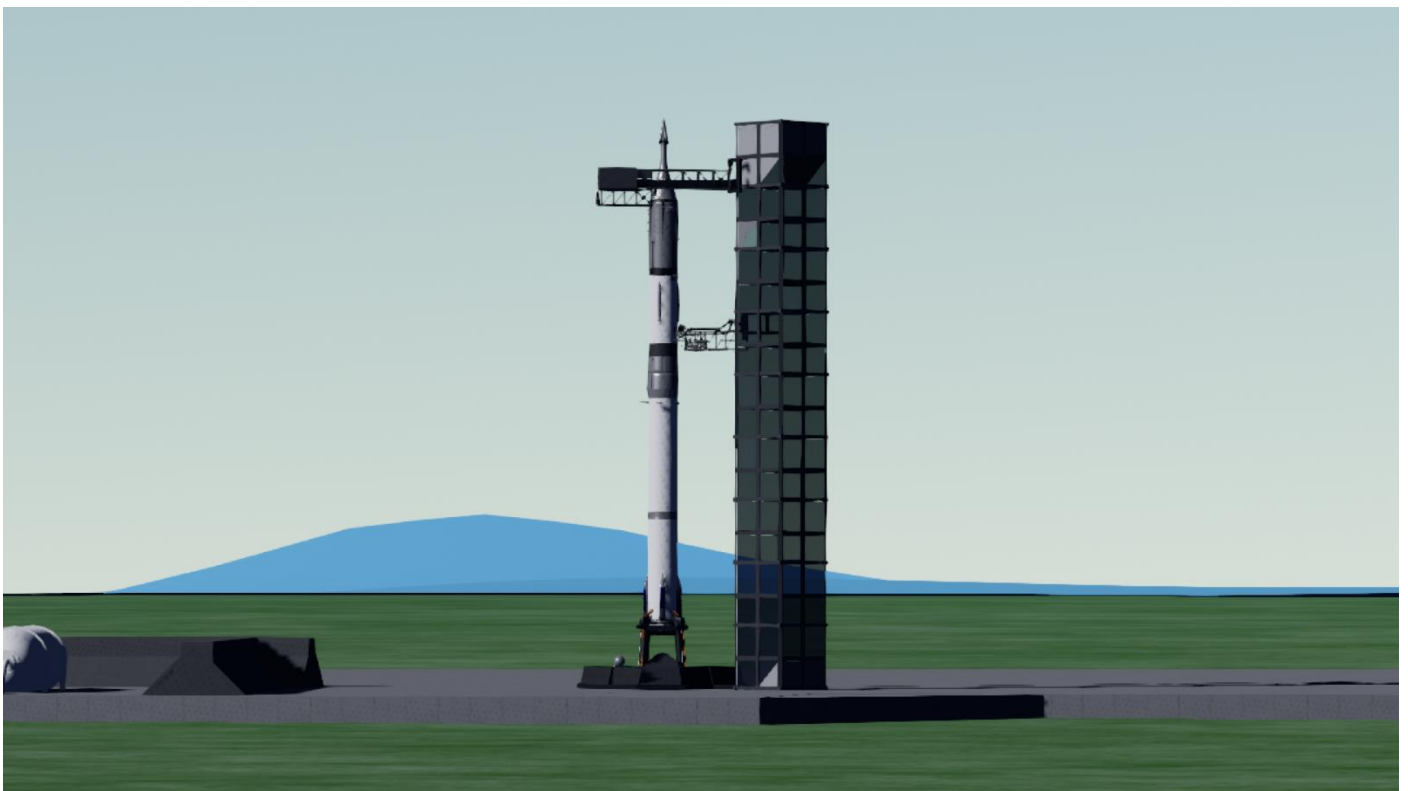
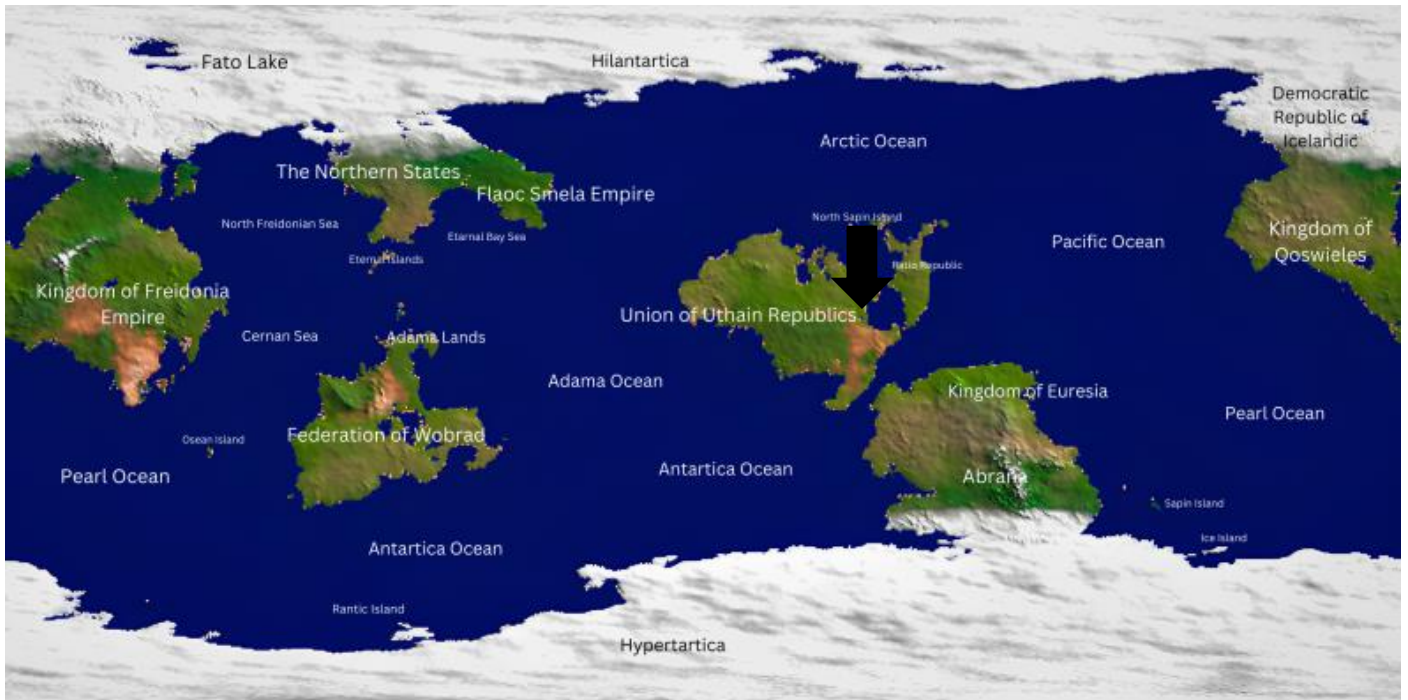
## 1.1 OUR COMPANY

At sFlightX, we are passionate about pushing the boundaries of aviation and space exploration. Our objectives are to create cutting-edge solutions that redefine how we navigate space. Whether it's designing next-gen spacecraft, optimizing air traffic management, or exploring new frontiers beyond Earth, we're committed.



## 1.2 LOCATION

Terra Aurora, a privately acquired property by sFlightX is located at The Union of Uthain Republics.



### 1.3 ENVIRONMENTAL IMPACT

Our company through the help of local authorities of the East Coast of the Uthain Republic, conducted an impact study to determine hazards to marine and wildlife animals and nearby communities. A separate PEA will be attached if modified or requested a new version along with this document, or refer to <https://sflightx.com/blob/legal/terra-aurora/pea.pdf> once posted.

In summary, the study shows NO RISK to such life, infrastructure or community.

### 1.4 SAFETY ZONES AND RISK MANAGEMENT

Our company promotes a safe nearby community. During launches, a Notice to Airmen (NOTAMs) and Notice to Mariners (NOTMARs) are released. Coordinates of closed airspace and marine space are included for every launch, posted in @sFlightXInsider on X.

An Overpressure notice is released 5 minutes prior to a test in our test facilities. Personnel are evacuated ahead of test or launch.

Sonic boom, regulations, and noise impact study are included in the 2024 Programmatic Environmental Assessment.

## 1.5 INFRASTRUCTURE AND FACILITIES

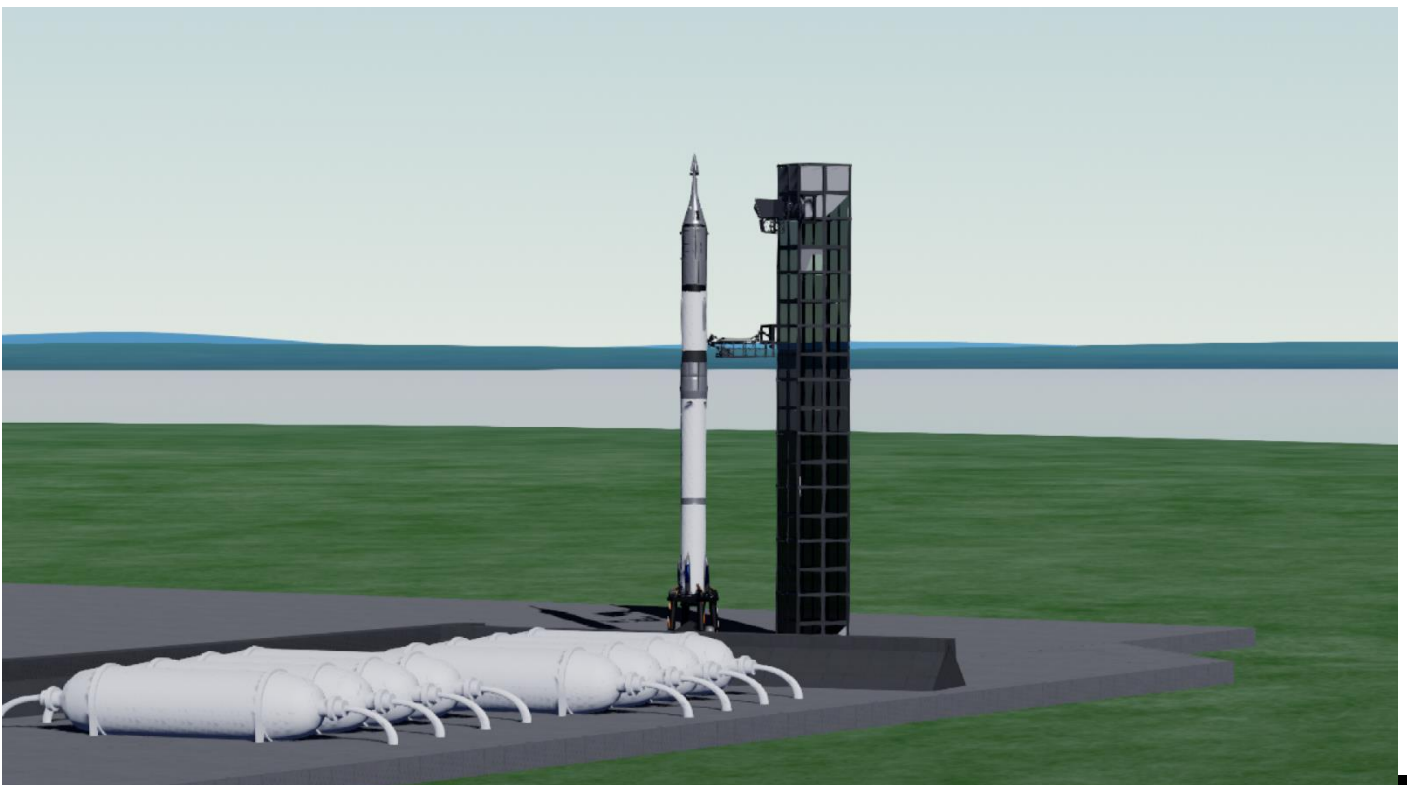
Terra Aurora is comprised of two launch complexes: (a) Orbital Complex; and (b) Suborbital Complex.

Orbital Complex consists of 3 pads: 1 for Maya and 2 for Stellar. However, the Suborbital Complex consists of 2 Suborbital Test Stands and 3 Engine Test Stands.

The unified tank farm, located west of Pad One (Maya Pad). All fuel commodities for all pads are supplied here.

There are 2 landing pads for Maya located far west of the Orbital Complex. Stellar however uses mechanical catch arms for landing.

This operations license is *subject to change* due to infrastructure upgrades. Here is the initial photo of the location of the Orbital Complex (currently in construction)



## 1.5 REGULATORY COMPLIANCE

sFlightX is committed for public trust and legal actions. Once update is required, a modification is instantly submitted for request.

## CHANGELOG

V1.0	November 1, 2024	Initial Release.
------	------------------	------------------