Wings of Wrath 2.0 GDD

20th February 2023

# Timeline

This project is a hobby project. And I can try to finish it before 2025.

## Target Launch Date

29th April 2025

# Core Concept

An air combat game. Main game play is dogfighting, but ground attack and bombing can also be a part of the game play. This is not a simulation game, but it is not an arcade game too. It has a beat’em up feeling. That means, you have got a few enemies at one time, then after some time, or event or after we go to a place, we get new enemies to fight with. It also has friendly AI, which makes the gameplay feel very immersive, like there is a lot going on.

# Mechanics

## Controls

Player will use his thumb like in thumb drift game to control the aircraft when airborne.

When on ground, the player can touch on screen to start the engine and take off would be automatic, if the player keeps pressing on the screen the aircraft will takeoff with afterburner, if the player lifts the finger, the afterburner would be off. So, with afterburner player can takeoff earlier.

## Enemies

Enemy aircrafts will move in formations.

Some enemy encounter will be scripted:

1. Encounter opposing direction.
2. Enemies moving in opposite direction at 12 o clock.
3. Enemies attack from six o clock.
4. The number of missiles a formation will fire will be scripted.

Some encounters would be dramatized: enemy aircraft flies above player aircraft and does and does a split S to get on the six.

The player will be made to feel smart.

If the enemy aircraft know that the player is at his six they will try to shake it off by doing maneuvers like:

1. Complete a full circle
2. Complete a half circle
3. Quarter circle left -> Quarter circle right -> Quarter circle left \* 3
4. Some Aircraft can Pugachev.
5. Immelman

# Storyline

The story is set in 1980s. Player character A and his friend B fly multiple missions together. B dies in a mission and A runs back home.

# Aircrafts In Game

### Player’s Side

1. F-14
2. F-16
3. A-10
4. A-6

### Enemy Side

1. Mig 29
2. Su 30
3. Tu 160
4. Mig 21
5. Mig 19
6. Mig 17
7. Mig 23

# Game Juice

### Impact Camera

10 to 30 frames.

Activates when a missile hits a plane that is close by or hits the player. The player has to be unengaged unless the impact camera would not show up.

Inspiration- Tekken 3 paul’s power hits.

Events that would trigger the impact camera:

1. Sam launch
2. Missile hit
3. When a bullet kills
4. When a bomb hits
5. When aircrafts collide
6. When something especial has to be shown( a building etc, landing, takeoff).
7. When player circles around a crashing aircraft.

# Reference games

1. Sky knight (gameplay)
2. Sword Ship (gameplay, art)
3. #Drive (3d art, character art)
4. Tekken 3 (impact camera)
5. Raptor F22 (music, environment, dialogs, gameplay)