# X-66 / Sustainable Flight Demonstrator (SFD)

## Program Overview

**Emily Prewett – Test Program Manager**




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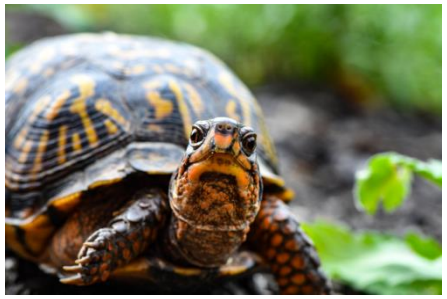
Owner/Maintenance: Raquel Borges
Update: As needed

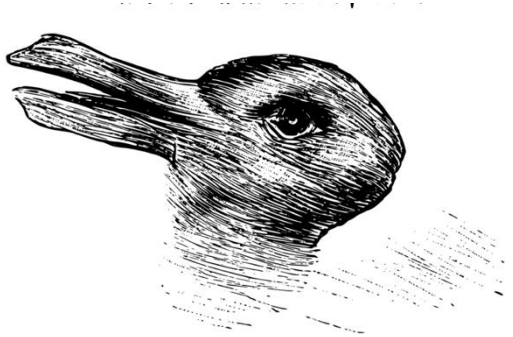
# Authentic Presence Qualities
## Development Plan







- Thoughtfulness
  - Slow down – Take a min before responding
  - Calm and methodical
  - Let others finish



- Openness
  - Multiple perspectives
  - Contradictions
  - Genuine listening



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# Audience Summary



Who:
Leah Rusher

Style:
Planner

Where:
Leah's Office

How many: 1

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# Audience Summary

## Who:
Leah Rusher



## Role: Senior Test & Evaluation Director (TED)

- BCA and MDA Flight Test Engineering
- Test Program Management
- New role

## Relationship

- My boss's boss
- Former Test Program Manager

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# Audience Summary



**Who:**
Leah Rusher

**Where:**
Leah's Office

**How many:** 1

**Style:**
Planner

**Focus:**
- Process and the why
- Facts and Data
- Functional Excellence

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# Attention-Getting Opening

"A plane so innovative, it would forever change the way the world flies."




"Queen of the Skies"

## Joe Sutter

Visionary



Risk of bankruptcy

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**Attention-Getting Opening**

| | |
|---|---|
| Up to 30,000 | Estimate of single aisle market by 2025 |
| 7% | Improvement in Airline Related Operating Cost (AROC) to flip |
| 2% | Aviation contribution to global CO2 emissions (~800 million tonnes in 2022) |
| 30% | Potential emission improvement with TTBW configuration |
| Over 10 years | Number of years truss braced wing concept has been studied |

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**Attention-Getting Opening**

2 Partners

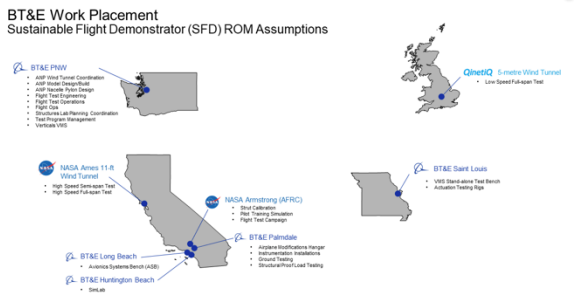
$1.1B

1 X-66




7 Organizations

8 BT&E Sites




6.5 years

3 MD-90s



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# Executive Summary




- **Purpose:**
  - Provide X-66 program overview
  - Become a champion and sounding board
- **Why:**
  - Innovative and exciting program
    - Technical challenges
    - Organizational challenges
    - No playbook
  - Inform future product decisions
  - Safety through functional excellence
- **Desired Outcome:**
  - Build a partnership
  - Non-advocate input
  - Share experience

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