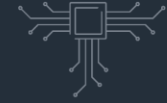
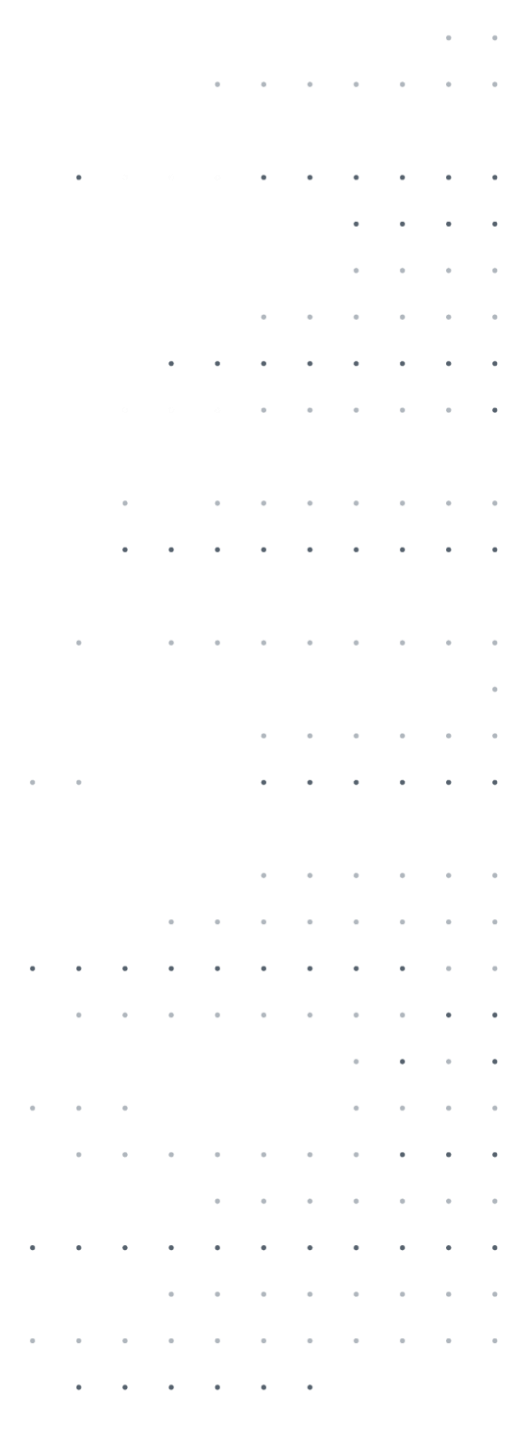




Leonardo Helicopters

# UAS Workshop - iAero

22 Nov 2024



Electronics



Helicopters



Aircraft



Cyber & Security



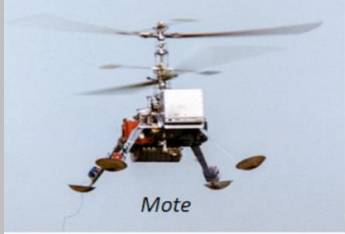
Space



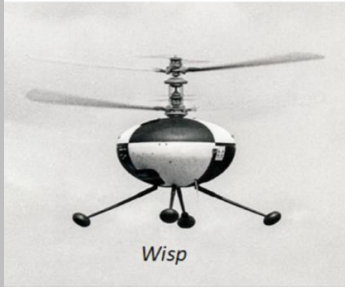
Unmanned Systems



Aerostructures



Mote



Wisp



Wideye

1971 - 1983

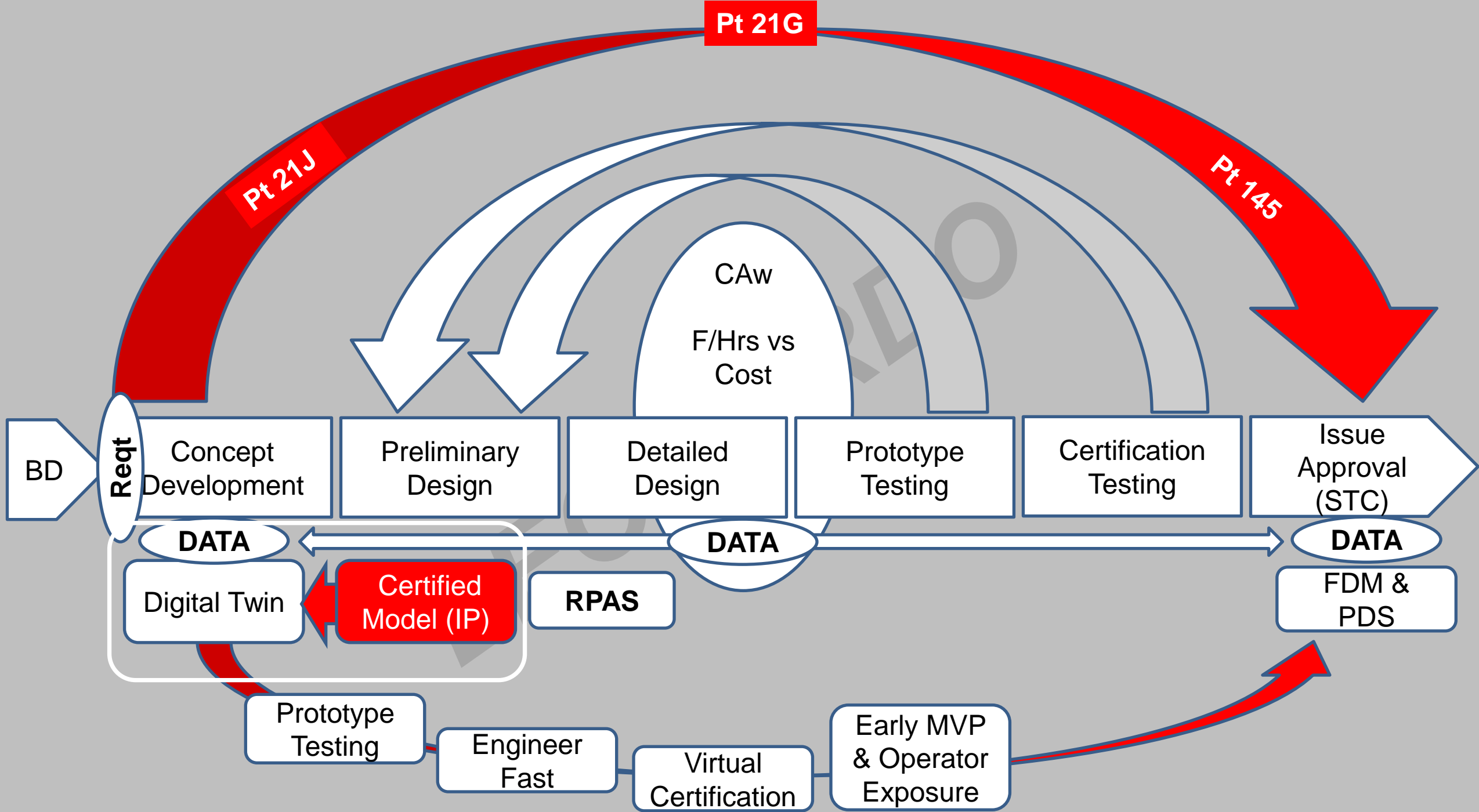


AWHERO  
EYE IN THE SKIES

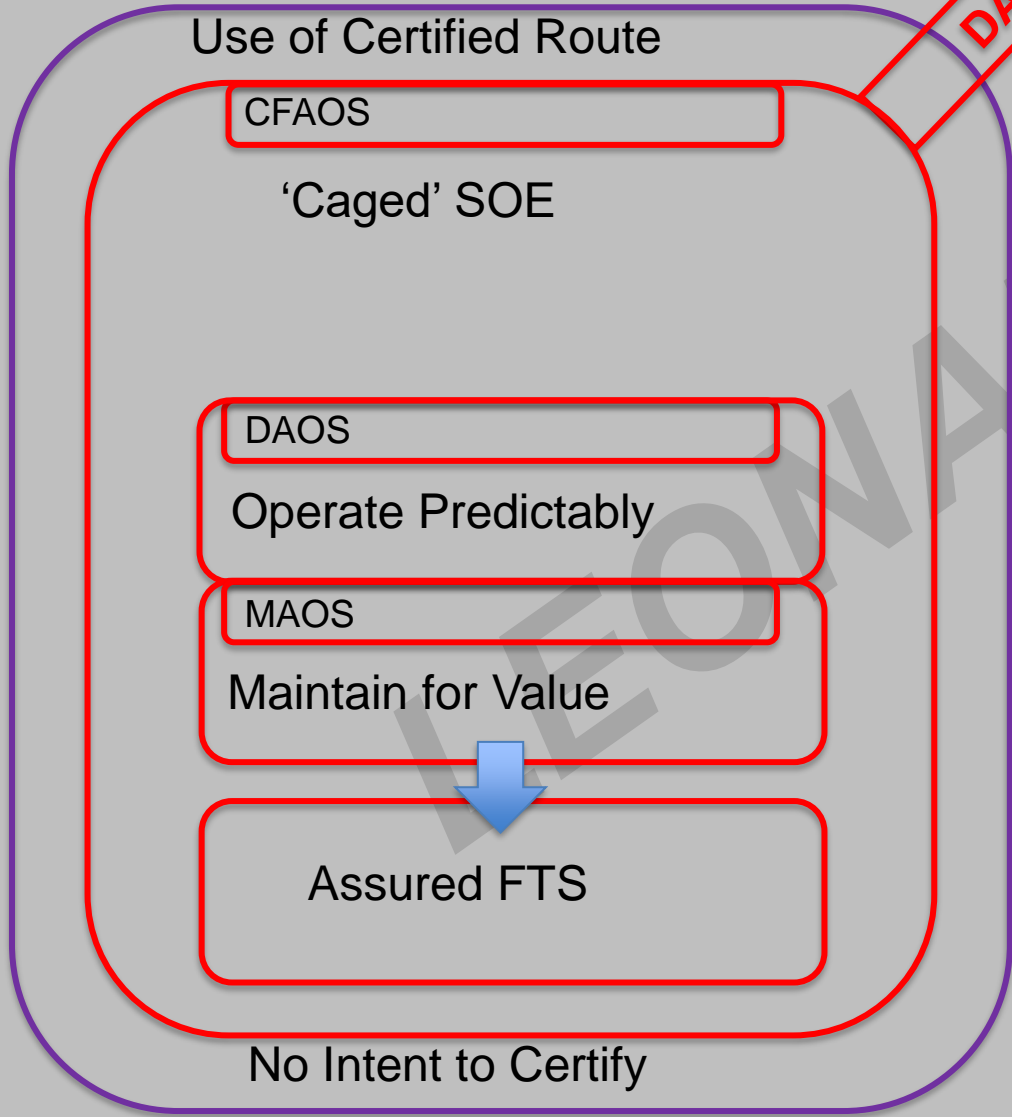


2019-2024





# Air System Safety Case - Strategy



## Intent

The requirement is DATA, not an in-service product, therefore all Risk to Life will be transferred to Risk to Equipment.

## CFAOS

- The RPA will fly within a sanitised volume of segregated airspace which extends above a sanitised ground area, collectively known as the 'block'.
- 2<sup>nd</sup> parties/involved persons will be controlled within the block.
- No air systems or 3<sup>rd</sup> parties will enter the block - a layered safety approach will be applied to prevent incursion of the block.
- Procedures will be in place to land, segregate or terminate the RPA should any air system inadvertently enter the block with potential for Loss of Safe Separation with the RPA.

## DAOS

- The design will be sufficiently assured to ensure the RPA operates in a predictable manner.
- The use of an Assured FTS means the design does not need to achieve safety targets aligned with crewed aviation.

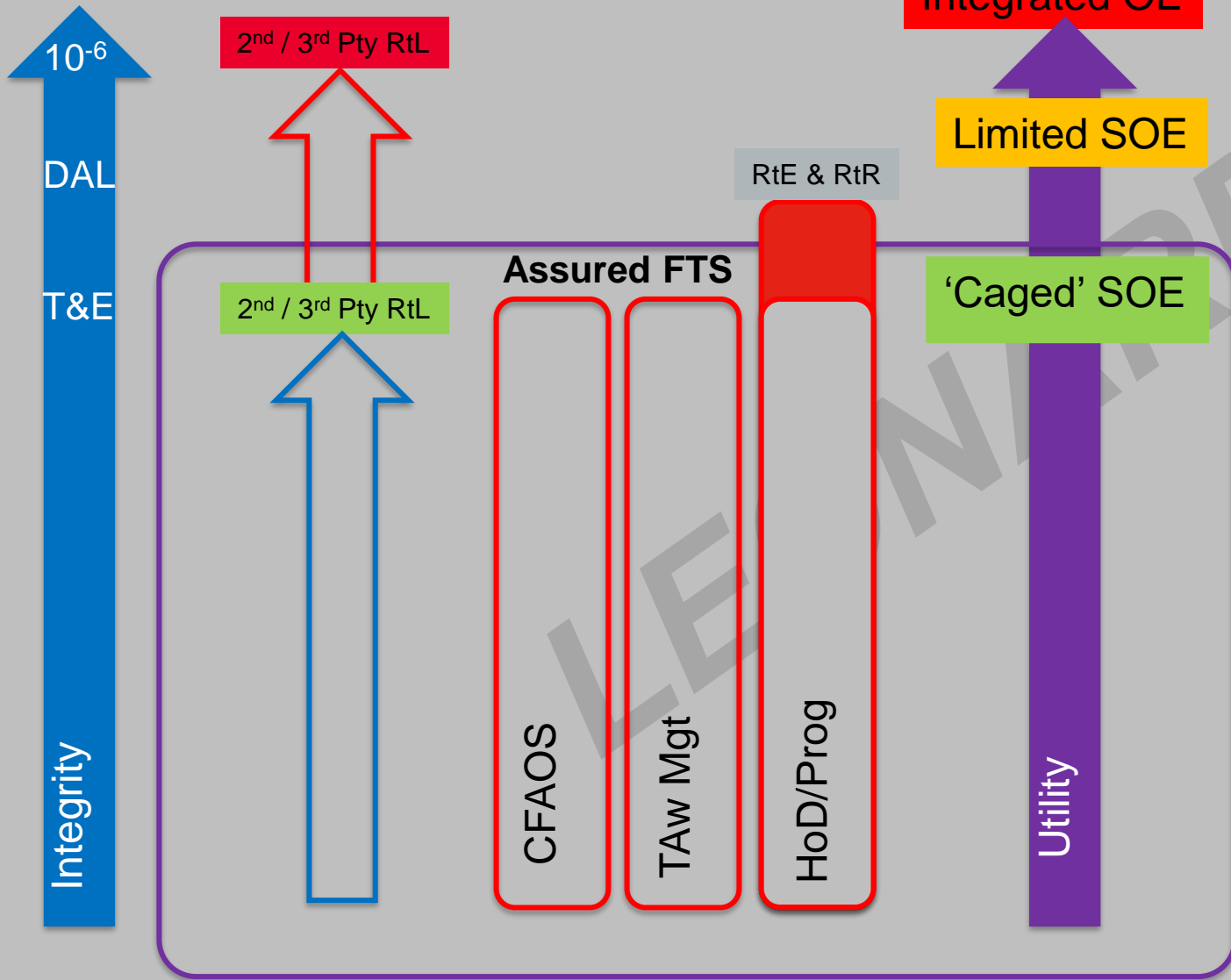
## MAOS

- Maintenance will be sufficient enough to ensure the RPA continues to operate in a predictable manner during T&E.
- Future use of components will be sentenced to ensure CAw maintenance is applied appropriately (Value).
- The maintenance regime must ensure FTS functionality.

## Independent FTS

An Assured FTS, coupled with safety distance margins will ensure the RPA, or parts of the RPA, will not leave the block.

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THANK YOU  
FOR YOUR ATTENTION

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