

- CDS 000_505

OR 2 Sviluppo tecnologico del condotto di scarico e miscelamento (TEC e Mixer) di un motore turbofan

Program Overview – Turbine Exhaust Case (TEC)

2016 2020 2018 2019 2021 **Validation Design Review Preliminary Design Endurance TEC Redesign Critical Design Review** (VDR) **Review (PDR) CDR** (CDR) Test Requirement flow down Configuration freeze Certification test: based on New geometry definition and Final review before Preliminary product Detailed design and results a little redesign was officialization certification and production definition analyses necessary phase start



- 5 Instrumented TEC Prototypes for Engine Tests
- More than 1500 running test hrs
- 1st flight (FTB): June 2018
- Certification achieved: 2021

Turbine Exhaust CaseIncluding Additive Manufacturing component

- Weight saving vs. casting technology (~50% saving on TEC module)
- New Technology required TRL plan up to TRL6



