

**Subject:** Limitazioni Temperatura

**Model affected:** TDA CR 1.9 8V S1  
P/N: 1A006 S/N: all

**Compliance time:** N/A

*The technical content of this document is approved under the authority of  
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Questo Service Bulletin fornisce un aggiornamento sui limiti di temperatura da rispettare in esercizio per i prototipi in oggetto.

Alla luce delle esperienze rese disponibili dal momento del loro rilascio in poi, i seguenti limiti aggiornati saranno applicabili in vece di quelli precedentemente specificati o richiamati nei PDOC applicabili:

- Average Bay Operating Temperature -20 °C to 71 °C
- Air temperature at compressor inlet:
  - Minimum -40 °C
  - Maximum for nominal performance ISA+20 °C
  - Maximum @ SL with performance limitations +50 °C
- Intercooler outlet temperature (engine inlet)
  - Design range, for nominal engine performance ≤ 50 °C
  - Working range, with max power degradation <1.5% between 50 and 70 °C ≤ 70 °C
  - Extended range, with power limited by EECS up to typically 20% @ 135 °C 70 ÷ 140 °C

*Note: engine operations @ temperature > 120 °C should be considered as anomalous*

- The engine may tolerate, starting from cranking, 30 min ground static low idle running, including 5 cycles at 100% PLA for 10 seconds or less, without the need of external cooling means.

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### WARNING

New or updated Instructions for Continued Airworthiness may be contained in Diesel Jet Service Documents. Service Documents applicable to the engine or accessories on which work is being performed must be consulted and complied with prior to performing any installation, maintenance, or overhaul function.