



# UNLOCKING PERFORMANCE POTENTIAL FOR TOMORROW'S F-35

Extend the capability of the F-35 fleet with the Enhanced Power And Cooling System (EPACS). Delivering more than twice the current cooling capability.



## EFFICIENT

- More efficient thermodynamic cycle
- Enables additional margin for engine performance and durability



## GROWTH-READY

- Sized to significantly exceed Block 4 cooling requirements
- Fits within existing envelope
- Compatible with all F-35 variants



## MATURE

- NEWS: Conducted successful lab demonstration; on track for TRL 6 in 2023
- Ready to begin an EMD program as early as 2024
- Fielded technologies on current military and commercial aircraft
- Uses established sustainment network and capability



Enhanced Power And Cooling System (EPACS)

**>2x**

more cooling



More efficient use of bleed air