

AEROSPACE MANUFACTURER | AEROSPACE

Aerospace & Spaceflight

Project
Management



Systems
Engineering



ENGINE COMPONENT REQUIREMENT DECOMPOSITION AND VERIFICATION PLANNING

APPROACH

- Maintain a cohesive ALTEN Technology team integrated into the client's IPT structure
- Hold weekly team stand-ups to support open communication and work prioritization
- Standardize approach for common requirements and verification activities
- Review ALTEN Technology support and execution with the client
- Develop and use onboarding information to quickly integrate new team members

RESULTS

- Standardized ~25% of requirements and verification activities for a common approach
- Developed standardized requirement language for maximum reusability
- Created component specification releases to support first engine block deliveries
- Released verification plan to support first engine block deliveries
- Released verification compliance reports (VCRs) for critical verification activities

KEY TOOLS & TECHNOLOGIES

- IBM Rational DOORS Next Gen (DNG)
- IBM Engineering Test Management (ETM)
- Jira—issue and project tracking

ALTEN TECHNOLOGY