

## RDT&E Project Checklist

**Title:** \_\_\_\_\_

**Cost:** \_\_\_\_\_

<b>USTRANSCOM RDT&amp;E Program Project Checklist</b>		
<b>Requirements Traceability: (The project must answer “Yes” to at least one of these)</b>	<b>YES</b>	<b>NO</b>
Mission Area ICD/ICD/CDD/DOTMLPF Change Recommendation package		
Functional Area/Needs/Solution Analysis (FAA/FNA/FSA)		
Lessons Learned		
Joint Concept Development document (JOpsC/JOC/JFC/JIC)		
DPO Gaps, Top 4 Operational Challenges, or Process Opportunities		
FY09 Technology Needs/Focus Areas as shown in FY09 call to government		
<b>Applicability to DPO/JDDE: (The project must answer “Yes” to all of these)</b>	<b>YES</b>	<b>NO</b>
Transformational vs. modernization (i.e., does it provide a new capability and/or contribute new knowledge vs. upgrade of present capability)		
Joint capability crucial to DPO supply chain		
Not associated with major weapon system or major end item acquisition program (while this is valid RDT&E work, it is outside Command’s RDT&E program authority)		
<b>Potential ROI and Affordability: (The project must answer “Yes” to both of these)</b>	<b>YES</b>	<b>NO</b>
Positive ROI in lifecycle of application		
Compelling business case for use		
<b>Technical Merit: (The project must answer “Yes” to both of these)</b>	<b>YES</b>	<b>NO</b>
Sound scientific/engineering principles		
Assessed by experts in the discipline		
<b>Technical Maturity: (The project must answer “Yes” to both of these)</b>	<b>YES</b>	<b>NO</b>
Project is at Technology Readiness Level 4-6 at startup		
Project will not be beyond TRL 8 at conclusion		
<b>Technology Transition Potential: (The project must answer “Yes” to both of these)</b>	<b>YES</b>	<b>NO</b>
Project has an identified transition strategy/integration agency and funding source for when RDT&E is complete		
Project proposer has an adequate understanding of integration requirements to transition to operational use		