



Fostering Partnerships in T&E and Acquisition

Managing the Message

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Acquisition program decisions are complex



A lot of money is involved



Uncertainty is a major issue



Increasing pressure on T&E performance



There is a lot of data, but it is not all good information

Manage the Message with Effective Metrics



Cost and Schedule

Test Team Performance

System Performance

Is the plan relevant and achievable?

Can you execute?

Can you execute to plan?

Are we prepared for the next milestone?

Does the system meet requirements?

Planning

- Test Plan Development
- Test Asset Allocation
- Staffing Allocation
- Planned Test Events

Executing

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> • Test Events Attempted • Resource Utilization • Planned Test Events | <ul style="list-style-type: none"> • Resource Utilization • Completed Test Events • Planned Test Events • Completion by System, Requirements, etc. • Execution Rates | <ul style="list-style-type: none"> • Estimate to Complete • Resource Utilization • Completion by System, Requirements • Milestone Readiness • Verification Status |
|--|---|--|

Reporting

- Verification Status
- Deficiency Reports
- Report of Test Results
- Performance against budget

Effective Metrics Evolve with Program Lifecycle

Is the plan relevant and achievable?



Can you execute?

Can you execute to plan?

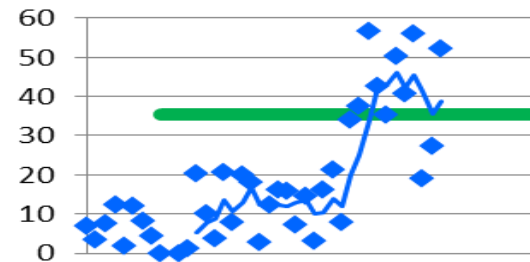
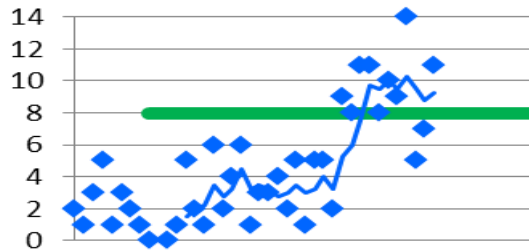
Are we prepared for the next milestone?

Does the system meet requirements?

Flights

Flight Hours

	Actual	Planning Factor	Efficiency	Actual	Planning Factor	Efficiency
Aircraft 1	3	3	100%	13.7	15	91%
Aircraft 2	3	2.5	120%	12.3	10	123%
Aircraft 3	2	2.5	80%	6.2	10	62%
Total	9	8	163%	42	35	106%



Performance Snapshot and Trends

Cost and Schedule

Test Team Performance

System Performance

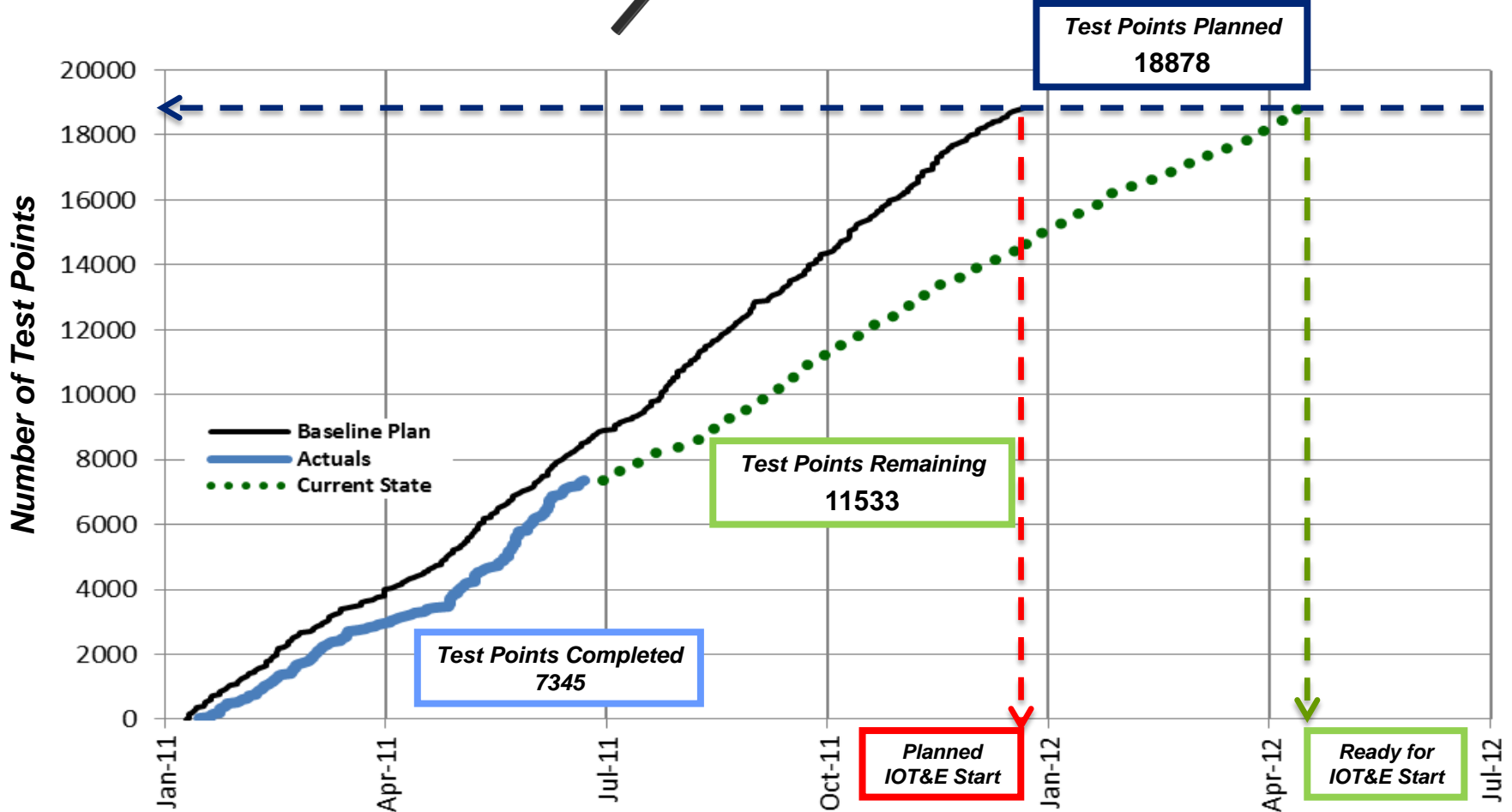
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Progress to Plan

Is the plan relevant and achievable?

Can you execute?

Can you execute to plan?



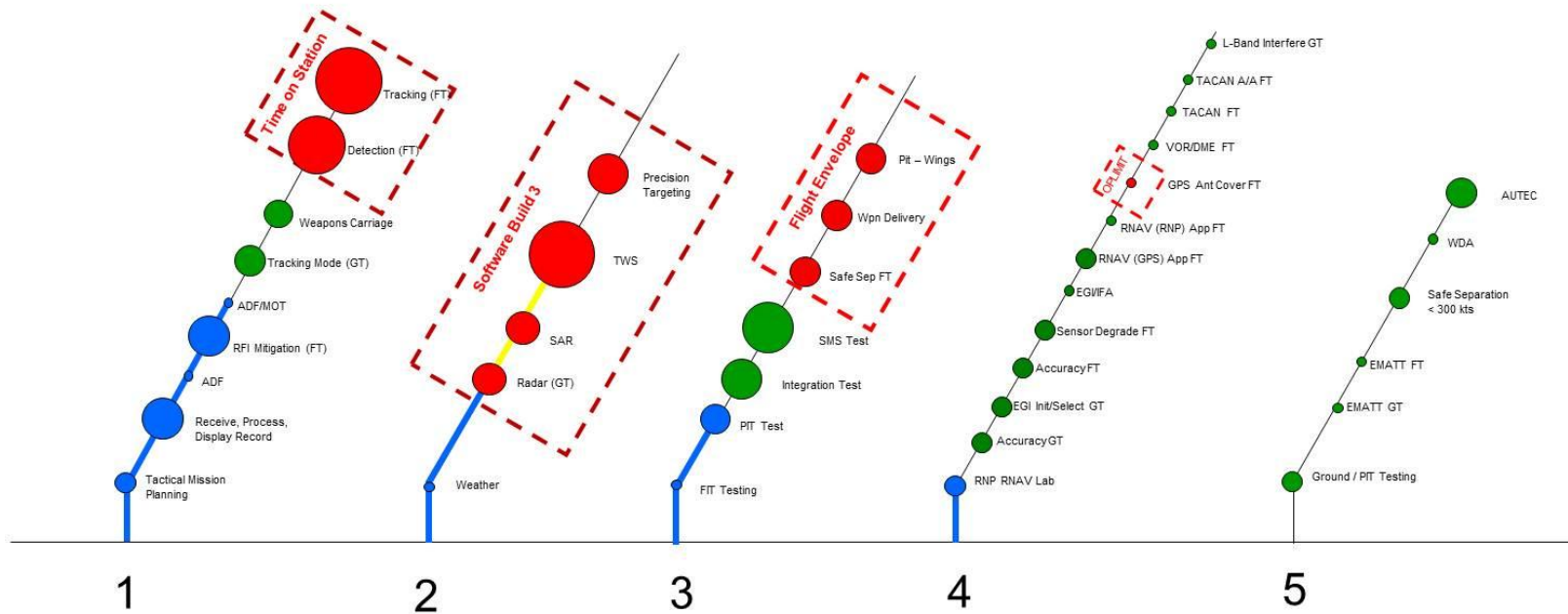
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Does the system meet requirements?

LEGEND

- System Capability Available for Test
- System Capability Not Available for Test
- Test Point Complete

- Tested Point Achieved
- Tested Point Attempted, But Not Achieved
- - - Barrier to Testing



Plan for Testing with Barriers to Execution

Cost and Schedule

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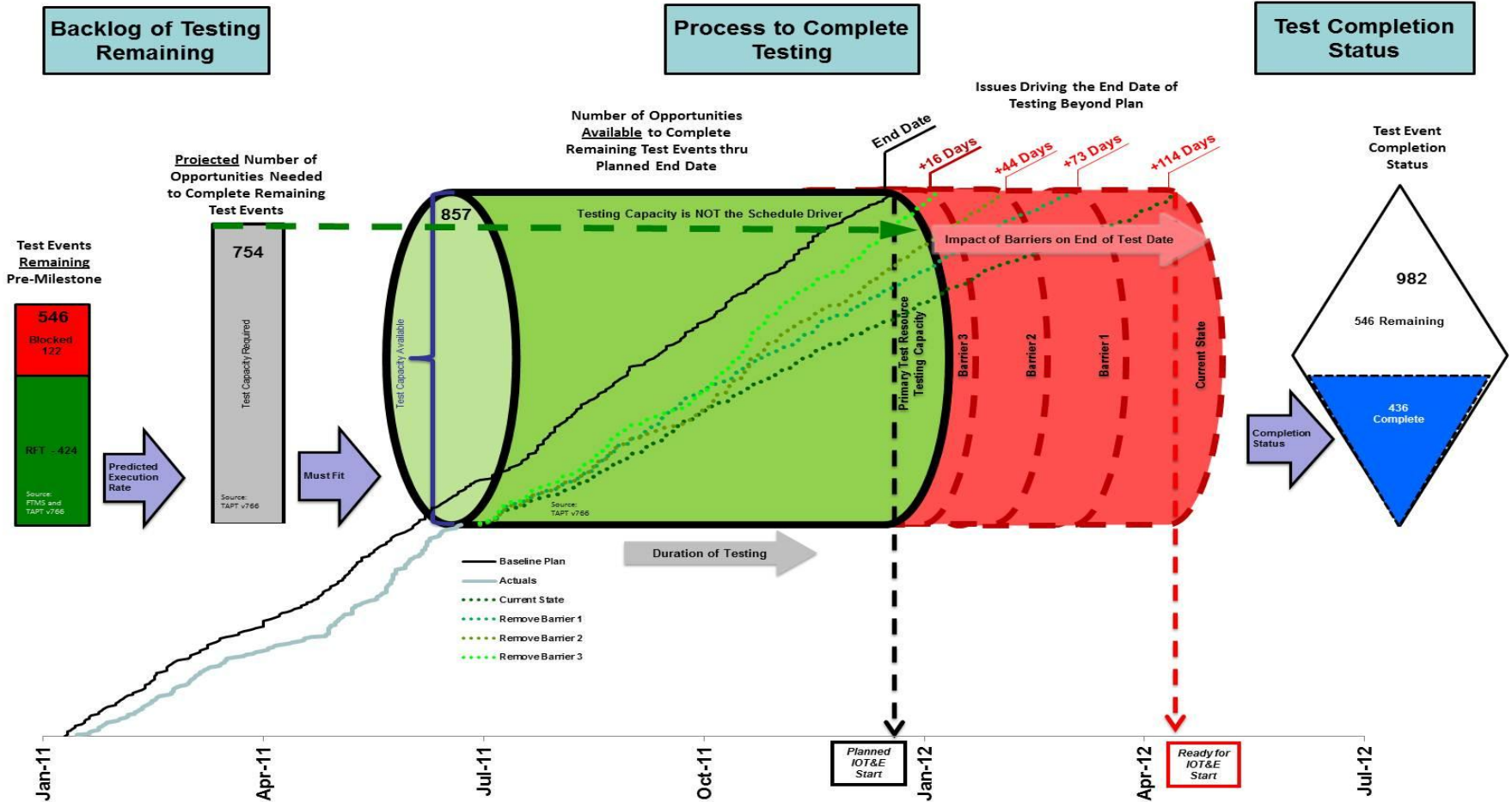
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Questions

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