

APPENDIX F. Independent Reviews

F.2 Independent Annual Review (IAR)

F.2.1 Purpose

The NASA PMC shall establish procedures to ensure that it remains cognizant of the status and performance of the programs and projects over which it has responsibility.

An IAR provides a validation of conformance to the PCA.

F.2.2 Content

An IAR shall provide for the following:

- a. Assess progress/milestone achievement against original baseline.
- b. Review and evaluate the cost, schedule, and technical content of the program over its entire life cycle.
- c. Assess technical progress, risks remaining, and mitigation plans.
- d. Determine if any program deficiencies exist which result in revised projections exceeding predetermined thresholds.

To accomplish this, the IAR team will assess progress to date against the plan to date, incorporating

the use of performance indicators and milestone success criteria, as well as assessing risk for completing future efforts as presently planned. The program/project presentation to the IAR team should include, at a minimum, the following:

- a. Quick overview of program/project.
- b. Status and changes since the last NAR or IAR of the following:
 - (1) Primary goals and objectives.
 - (2) Scientific and technical objectives that drive mission requirements and implementation plans.
 - (3) Implementation plans.
 - (4) Progress against performance indicators and productivity measures (technical, cost, schedule).
- c. The NASA Chief Engineer, with process responsibility, along with the NASA CFO and LaRC Center Director shall establish standards to ensure continuity of reviews and for their conduct.
- d. The program manager will ensure that a current and accurate PCA and program baseline is available to the IAR team to facilitate the conduct of the assessment.

F.2.3 Outcome

The IAR shall support the deliberative process of the NASA PMC by providing realistic status on Agency commitments.

The IAR team report shall contain the following:

- a. Recommendations to the NASA PMC relative to compliance with the PCA.
- b. Recommendations for additional reviews or individual program/project briefings that the IAR team deems necessary.
- c. A recommendation on the advisability of continuing the program. This shall specifically include a recommendation as to whether or not a Termination Review is required.
- d. Minority reports in the event that team consensus is not reached.