

Table 19. Sample Impact Distribution for Atlas IIAS with No Breakup	41
Table 20. Shaping Constants for Atlas IIAS.....	48
Table 21. Shaping Constants and Related Risks for Atlas IIAS.....	50
Table 22. Best-Fit Conditions for Atlas IIAS.....	52
Table 23. Shaping Constants and Related Risks for Delta-GEM	64
Table 24. Shaping Constants for Titan IV	68
Table 25. Shaping Constants for LLV1.....	72
Table 26. Summary of A Values for B = 1,000.....	72
Table 27. Failure Probabilities for Atlas, Delta, and Titan.....	75
Table 28. Recommended Response-Mode Percentages for Flight Phases 0 -2.....	75
Table 29. Recommended Response-Mode Percentages for Flight Phases 0 - 1.....	75
Table 30. Absolute Failure Probabilities for Response Modes 1 - 5	76
Table 31. Summary of A Values for B = 1,000.....	77
Table 32. Summary of Optimum Mode-5 Shaping Constants.....	77
Table 33. Effect on f-Ratio of Varying Mode-5 Constant A (B = 1000) - Part 1	82
Table 34. Effect on f-Ratio of Varying Mode-5 Constant A (B = 1000) - Part 2	83
Table 35. Effect on f-Ratio of Varying Mode-5 Constant B (A = 3) - Part 1	84
Table 36. Effect on f-Ratio of Varying Mode-5 Constant B (A = 3) - Part 2	85
Table 37. Filter Application for Failure Probability.....	95
Table 38. Flight-Phase Definitions.....	99
Table 39. Flight Phases by Launch Vehicle	99
Table 40. Summary of Atlas Vehicle Configurations	101
Table 41. Atlas Launch History	103
Table 42. Summary of Delta Vehicle Configurations	133
Table 43. Delta Launch History.....	136
Table 44. Summary of Titan Vehicle Configurations	147
Table 45. Titan Launch History	149
Table 46. Thor Launch History.....	165