

## SUPPLEMENT 15-B

# MODEL FOR SYSTEM LEVEL RISK ASSESSMENT

The following may be used to assist in making preliminary judgments regarding risk classifications:

|                                  | <b>Low Risk</b>   | <b>Moderate Risk</b>  | <b>High Risk</b>   |
|----------------------------------|---|---|--|
| <b>Consequences</b>              | Insignificant cost, schedule, or technical impact                         | Affects program objectives, cost, or schedule; however cost, schedule, performance are achievable | Significant impact, requiring reserve or alternate courses of action to recover  |
| <b>Probability of Occurrence</b> | Little or no estimated likelihood   | Probability sufficiently high to be of concern to management                                      | High likelihood of occurrence  |
| <b>Extent of Demonstration</b>   | Full-scale, integrated technology has been demonstrated previously        | Has been demonstrated but design changes, tests in relevant environments required                 | Significant design changes required in order to achieve required/desired results |
| <b>Existence of Capability</b>   | Capability exists in known products; requires integration into new system | Capability exists, but not at performance levels required for new system                          | Capability does not currently exist  |

Also see Technology Readiness Levels matrix in Chapter 2