رهنمود جامع النا

دکتر سیامک حاجی یخچالی

عضو هیئت علمی دانشکده فنی دانشگاه تهران

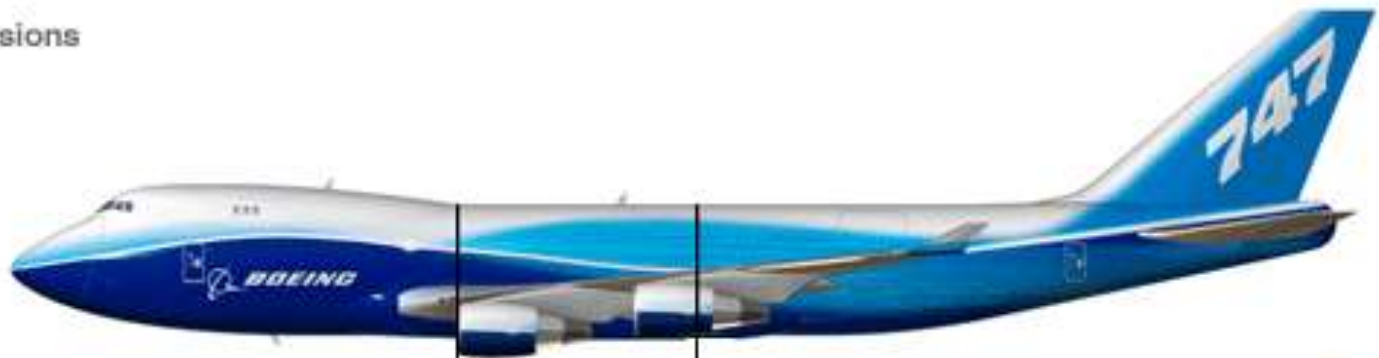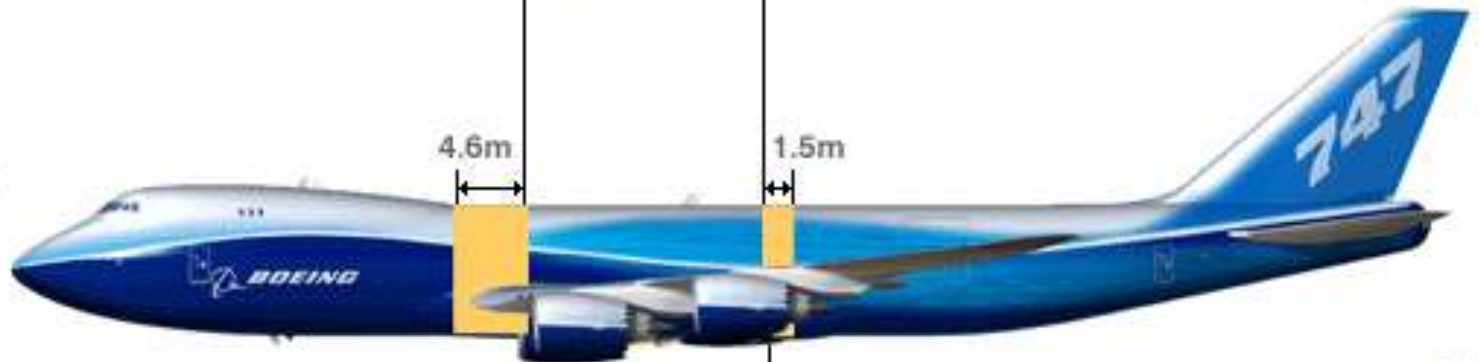# PRODUCT

747 cockpit

747 cockpit
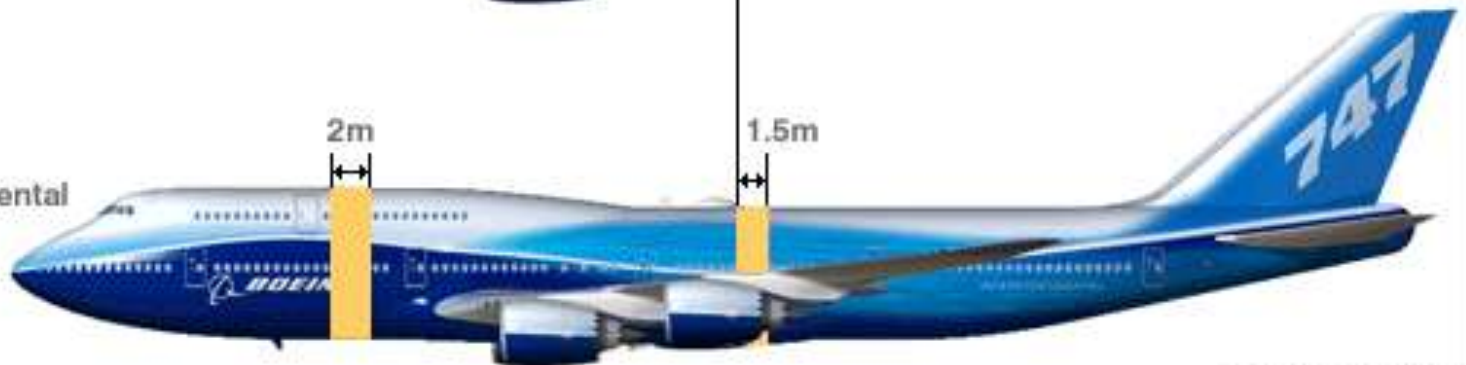
Fuselage extensions

747-400F

747-8 freighter

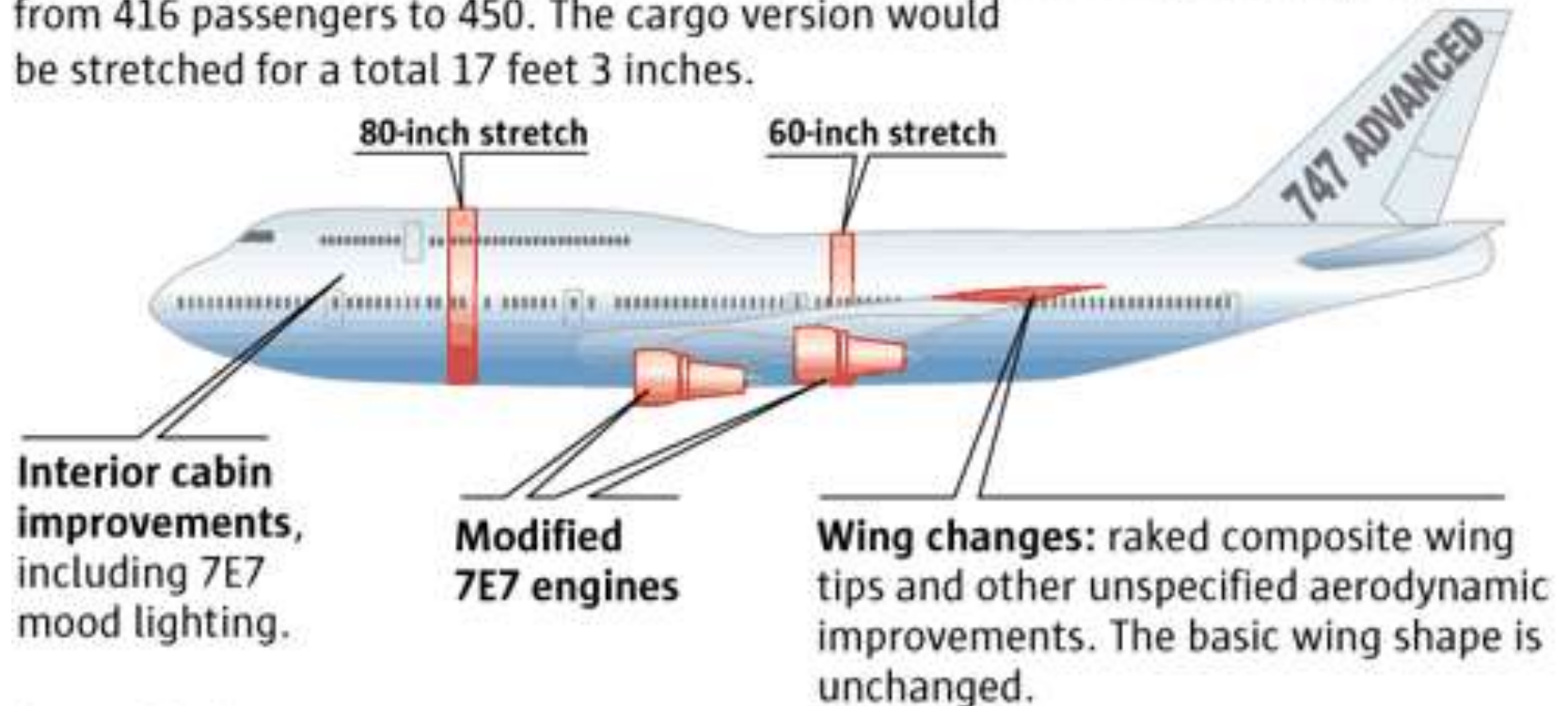4.6m   1.5m

747-8 Intercontinental

2m   1.5m

SOURCE: Boeing

Boeing's proposed 747 Advanced

Boeing will decide soon whether to formally offer for sale a new derivative of the 747.

Fuselage stretched by adding bands 80 inches long behind the flight deck and 60 inches long behind the wing -- a total stretch of 11 feet 8 inches. Seating expands from 416 passengers to 450. The cargo version would be stretched for a total 17 feet 3 inches.

80-inch stretch

60-inch stretch

747 ADVANCED

Interior cabin improvements, including 7E7 mood lighting.

Modified 7E7 engines

Wing changes: raked composite wing tips and other unspecified aerodynamic improvements. The basic wing shape is unchanged.
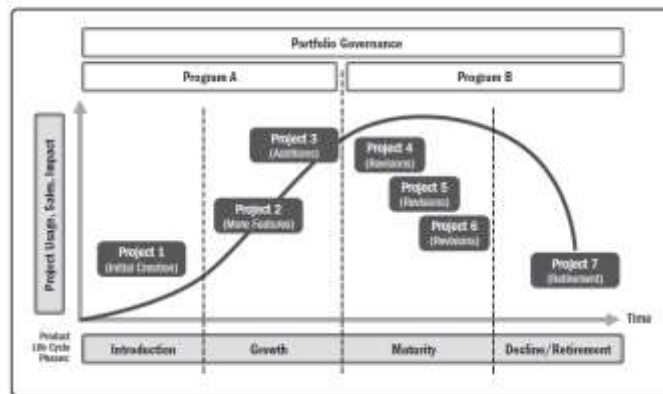
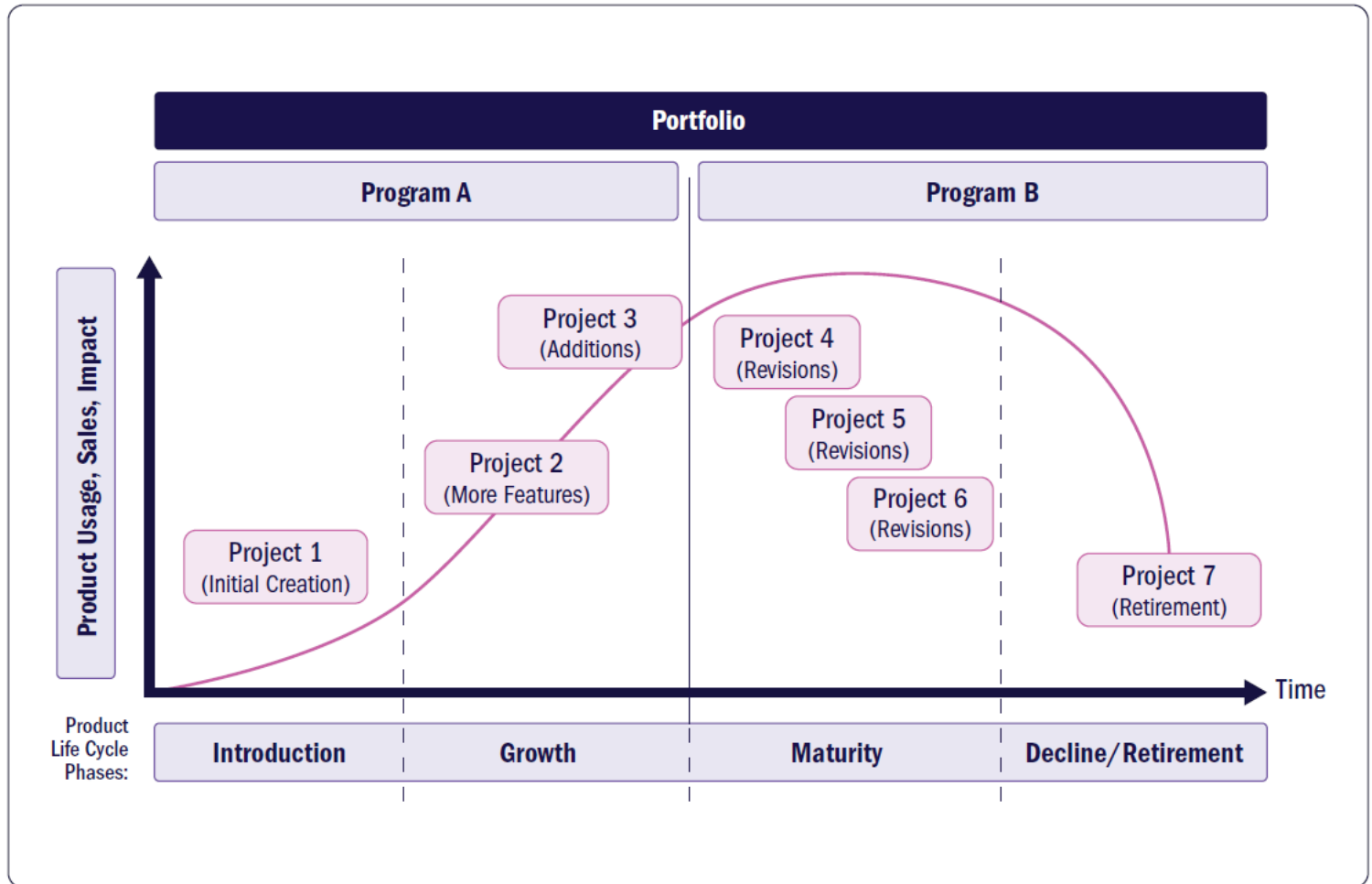Figure 2-4. Sample Product Life Cycle

Figure 2-5. Sample Product Life Cycle

Program management within a product life cycle. This approach incorporates related projects, subsidiary programs, and program activities. For very large or long-term products, one or more product life cycle phases may be sufficiently complex to merit a set of programs and projects working together.

- **Project management within a product life cycle.** This approach oversees the development and maturity of product capabilities as an ongoing business activity. Portfolio governance charters individual projects as needed to perform enhancements and improvements or to produce other unique outcomes.

- **Product management within a portfolio.** This approach integrates product management within the structure of a portfolio, where the entire product life cycle is managed within the boundaries of a single portfolio. Portfolio management helps ensure that product-related investments align with business strategy, prioritize high-value initiatives, and allocate resources efficiently across multiple product lines or business units.

- **Product management within a program or project.** This approach applies to the product-related responsibilities that should be performed in a program or project(s) and that are defined as the components of a program or stand-alone projects. This approach focuses on achieving product requirements and scope. While ongoing product, service, or capability support activities may fall within the scope of the program, they typically are operational in nature and are not usually run as programs or projects.

- **Product management across programs and projects.** A product life cycle often spans multiple programs and projects, and thus calls for effective management across those programs and projects.

سیامک حاجی یخچالی
Dr.Siamak Haji Yakhchali

◁ ▶ in ⓘ DrHajiYakhchali

⊕ DrHajiYakhchali.com

✉ Yakhchali@yahoo.com

▢ ۰۹۱۲ - ۳۲۰ ۷۵ ۴۷