The APT program will replace the T-38C used in the USAF's Specialized Undergraduate Pilot Training advanced phase fighter and bomber track, and in the Introduction to Fighter Fundamentals.

**T-39 Characteristics**
- Crew: 2
- Length: 40 ft. 2 in.
- Wingspan: 33 ft. 11 in.
- Height: 12 ft. 11 in.
- Wing area: 254.6 ft.²
- Empty weight: 10,057 lb.
- Maximum takeoff weight: 12,249 lb.
- Powerplant: 2x Aztec Electric F91-2A
- Power: 4,400 lbf.

**T-39 Performance**
- Maximum speed: 553 kts
- Maximum cruise speed: 376 kts
- Maximum range: 900 NM
- Maximum range & max. speed
- Service ceiling: 40,300 ft.
- Rate of climb: 7,668.3 ft./min.
- Wing loading: 48.1 lb/ft.²
- Thrust/weight: 0.44