



**LMXT**  
THE NEXT STRATEGIC TANKER

**LOCKHEED MARTIN** 

# LMXT: America's Next Strategic Tanker

Lockheed Martin. Your Mission is Ours.®

Lockheed Martin introduces the LMXT as America's next strategic tanker — built in America by Americans for Americans. Offered in response to the U.S. Air Force's KC-Y Program, the LMXT represents the newest chapter in Lockheed Martin's 60+ year history of producing and delivering tanker and cargo aircraft for the U.S. Air Force, U.S. Marine Corps, U.S. Navy and multiple operators around the world.

The LMXT complements the U.S. Air Force's tanker fleet capabilities by providing the most advanced aerial refueler to meet immediate and long-term mission requirements, in support of America's National Defense Strategy.

The LMXT offers a proven airframe with distinct U.S. Air Force-only capabilities designed to meet operator requirements, with advantages that include:



**By Americans, For Americans**

The LMXT is built in America by Americans for Americans with production and tanker modification occurring across the U.S.A.

- Strengthens the U.S. aerospace industry through partnerships with existing customers and new suppliers
- Creates a diverse workforce by maintaining and sustaining high-tech, highly skilled American manufacturing jobs.
- From assembly to conversion to delivery, the LMXT will make a strong economic impact in the U.S.



**Proven**

From day one, the LMXT will be capable of accomplishing the full range of missions demanded of air refueling aircraft, building on the Multi Role Tanker Transport's (MRTT) proven combat record in both boom and hose-and-drogue refueling operations.

- Based on the strategic tanking choice for 13 nations around the world
- Currently supports fighter, transport and maritime patrol aircraft for the U.S. and allied partners
- Current receiver air refueling certifications for tanker airframe: F-35A, F-22, F-16, A-10, B1-B, C-17, E-3, E-7, F-15, P-8A



**Ready Now**

The LMXT's capabilities seamlessly recapitalize tankers with immediately improved air refueling, increased fuel offload at range, and proven combat capability to support multiple mission requirements

- Proven airframe designed to meet U.S. Air Force mission requirements through unprecedented range
- Serves as the world's first fully automatic boom/air-to-air refueling (A3R) system
- Proven fly-by-wire boom certified by customers and allies around the clock and around the world



**Mission-Focused**

The LMXT provides state-of-the-art capabilities to support future tanker-related missions.

- Offers open system architecture JADC2 systems
- Leverages multi-domain operations node to increase onboard situational awareness, connecting the airframe to the larger environment
- Provides space flexibility and availability to support future requirements and needs

LMXT	
Length.....	193 ft
Height.....	57 ft
Wingspan.....	198 ft
Maximum Takeoff Weight.....	532,400 lb
Total Fuel Weight.....	269,760 lb
Max Landing Weight.....	396,850 lb
Ferry Range.....	9,900 nmi
Offload @ 1,000 nmi.....	180,000 lb
Refueling Rate.....	1,200 gal/min Boom 420 gal/min Pods
Takeoff Distance @ MTOW.....	9,745 ft (SL, ISA)
Ground Turn Radius.....	130 ft

The Lockheed Martin strategic tanker builds on the combat-proven design of the Airbus A330 Multi Role Tanker Transport (MRTT). As the prime contractor, Lockheed Martin works directly to implement U.S. Air Force-specific requirements within the LMXT. As the strategic tanker of choice for 13 nations, the MRTT has logged more than 250,000 flight hours refueling U.S. and allied fighter, transport and maritime patrol aircraft in combat theater environments.