

# JOINT SYSTEMS MANUFACTURING CENTER - LIMA

## OHIO

### LOCATION

Joint Systems Manufacturing Center (JSMC) is located in an industrial region of Allen County approximately 2 miles south of the City of Lima. The location is compatible with manufacturing businesses which border the site to the north, east, and west. There exists no zoning restrictions, encroachments, land use conflicts, or environmental regulations which constrain the operation of the facility. Local utilities costs are very competitive and there is a significant labor force available due to local and regional economic trends. Positioned near the intersection of I-75 and U.S. 30, it is approximated 60 miles north of Dayton and 80 miles south of Toledo. Allen County is served by a 727-capable airport with commercial air service available at the Dayton International and Toledo Express Airports and military air service available at Wright-Patterson Air Force Base. Rail services are provided to JSMC by two separate rail spurs; Norfolk & Southern and CSX.

### SIZE

**Acres:** 369.2

**Square Footage of Buildings:** 1,616,383 SF

**Plant Replacement Value:** \$271,178,400

### HISTORY

The facility was constructed in 1943 for gun tube manufacturing but was diverted to an intermediate tank depot for the modification and processing of new combat vehicles. In December 1945, the installation was designated to be utilized for long term vehicle storage. In October 1951, it was assigned the mission of modifying combat vehicles and in addition operated a New Vehicle Maintenance School. From December 1952 and ensuing years, the depot was assigned additional missions such as; rebuilding of combat vehicles, fabrication and installation of intercommunication wiring harnesses, and receipt/storage/shipment of on-vehicle materials. In February 1958, the facility was placed in an inactive status, however in March 1961, the site was given the mission to be the storage site for machine tool/equipment packages and Production Equipment Packages (PEP's), which continued through 1976. The Secretary of the Army on 6 August 1976, designated the site for production of the XM1 Main Battle Tank. In excess of 445,000 SF of additional manufacturing areas were built, a test track facility was constructed, and the utility infrastructure and remaining buildings were updated to support a surge capacity of 120 vehicles/month. The initial Abrams vehicles were completed in Feb 1980 and variations/upgrades have been in production thru the present. In addition to the Abrams FOV, other combat vehicles have been produced to include the Wolverine Heavy Assault Bridge, Stryker FOV, Mark 46 Gun Turret, and Expeditionary Fighting Vehicle in support of the Army, Marines, Navy, Foreign Military Sales, and Egyptian Co-Production. On 10 June 2004, the Lima Army Tank Plant name was changed to

the U.S. Army Joint Systems Manufacturing Center - Lima to more accurately reflect the Joint Service work that is being accomplished at this location.

## **MISSIONS**

JSMC's mission is to manufacture ground combat vehicles and components for the Department of Defense. JSMC is the sole remaining DOD heavy combat vehicle production facility in the USA with the vision to build every ground structure for DOD; any material, any size, any service. The capability exists to machine/fabricate any structure in DOD's fleet of ground vehicles (largest DOD machining line envelope). JSMC optimizes manufacturing efficiencies by utilizing laser cutting, water jet cutting, stir friction welding, titanium welding, robotic aluminum welding, laser inspection, and model centric manufacturing. The forecasted product lines include; Abrams, Stryker, Expeditionary Fighting Vehicle, Mark 46 Gun Turrets, and Future Combat Systems (FCS). In addition to battle-proven quality, JSMC excels in its rapid responsiveness and produced (20) Abrams Rear Armor Kits within 7 days, (330) Stryker Slat Armor kits within 90 days, and is in process of completing the expedited Abrams "RESET" Program consisting of 113 vehicles over a 14 month period. JSMC's workforce has collectively over 14,000 man-years worth of expertise in welding, machining, design engineering, vehicle assembly, and testing which could not be duplicated elsewhere. This experience enables JSMC to be the DOD center of expertise for production of ground combat vehicle systems. The following abbreviated workload forecast is based upon awarded contracts and projected program requirements.

- Stryker Interim Slat Armor - 3<sup>rd</sup> Brigade scheduled thru Mar 2005
- Abrams "RESET" Vehicles - scheduled thru Aug 2005, programmed thru Nov 2005
- Stryker Upper Structures - scheduled thru 2008, programmed thru 2010
- Abrams Vehicles - scheduled thru 2007, programmed thru 2014
- Expeditionary Fighting Vehicle - programmed thru 2018
- Future Combat Systems - programmed thru 2018
- Family of Fighting Vehicles - programmed from 2010 thru 2018

## **MAJOR UNITS/TENANTS**

None

## **POPULATION**

	<b>Authorized</b>
Military	4
Civilian	41
Contractor	600
Student	0
Other	0
<b>TOTAL</b>	<b>645</b>