

Oklahoma City Air Logistics Complex

76 CMXG

Mission Brief

Redacted



Distribution Statement A: Approved for public release

72ABW-2020-0025

76th Commodities Maintenance Group

- CMXG Production
- CMXG Footprint
- Production Squadrons
- Support Divisions



76 CMXG Production

Primary Weapon Systems Supported

Technical Repair Center (TRC) Workload
USAF Sole Source of Repair

Oxygen



CSD's



Fuels



Management of Items Subject to Repair (MISTR) Workload

A-10



B-1



B-2



B-52



C-5



C-130



E-3



E-8



F-15



F-16



KC-135



T-38



Deliver combat ready Commodities to 75% of USAF

76 CMXG Production

Primary Weapon Systems Supported

Temporary, Organic Manufacturing, and FMS Workload

C-17



E-6



F-135



F-35



F-22



MQ-9



Organic
Man



PDM
Support



How do we fit?

5,369 total aircraft in USAF

4,019 touched by CMXG

Deliver combat ready Commodities to 75% of USAF

Our Footprint

1.782M square feet of Production Space

- 17 Production Buildings
- 74 Resource Control Centers (RCCs)
- 36 Business Units

17,533 Pieces of Production Equipment

Operations: 3 Shifts/5 Days a Week



550th Commodities Maintenance Squadron

Air Accessories Flight (MXDPA)

Components, Oxygen, Valves & Actuators

Avionics Flight (MXDPB)

B-1 Avionics, Common/Electronics Avionics

Exchangeable Production Support Center (ESPC) Flight (MXDXA)

Industrial Engineering Technicians, Production Controllers, Management Analyst

Buildings:

200

1051

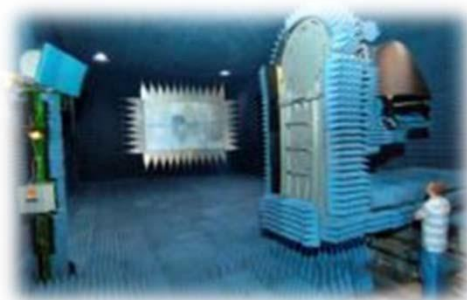
1055

3507

3707

3708

3761



551st Commodities Maintenance Squadron

Sheetmetal Component Flight (MXDPA)

KC-135 Heavy Structures, KC-135 Miscellaneous, E-3 MISTR

Bomber Sheetmetal Flight (MXDPB)

Bomber Miscellaneous, Bomber Sheetmetal

Exchangeable Production Support Center (ESPC) Flight (MXDXA)

Industrial Engineering Technicians, Production Controllers

Building:
9001



552d Commodities Maintenance Squadron

Aircraft & Engines Accessories (MXDPA)

Governors & Electric, Wheel & Tire, CSD, Gearbox

Fuel Controls & Fuel Accessories Flight (MXDPB)

Fuel Accessories, Fuel Components, Fuel Controls

Exchangeable Production Support Center (ESPC) Flight (MXDXA)

Industrial Engineering Technicians, Production Controllers

Buildings:

2210
3001
3123
3902
3907



553d Commodities Maintenance Squadron

Manufacture & Repair Flight (MXDRA)

Organic Manufacturing: Sheet metal, Tube & Cable, Grinding/Machining, Tooling, Numerical Control, Heat Exchanger, Welding

Manufacture & Repair Flight (MXDRA)

Bladders, Fabrics, Cable & Harness, Composites,

Exchangeable Production Support Center (ESPC) Flight (MXDXA)

Industrial Engineering Technicians, Production Controllers

Buildings:

229

2121

3001

9001



Engineering Division (MXDE)

Air Accessories, Avionics & Electronics Engineering Branch (MXDEA) Aircraft Structures & Inspection Engineering Branch (MXDEB) Engine Accessories Engineering Branch (MXDEC)

Aircraft Manufacturing & Development Engineering Branch (MXDEK) Engineering Operations Branch (MXDEO)

Reverse Engineering and Critical Tooling Branch (MXDER) Transformation Branch (MXDEX)

Engineering

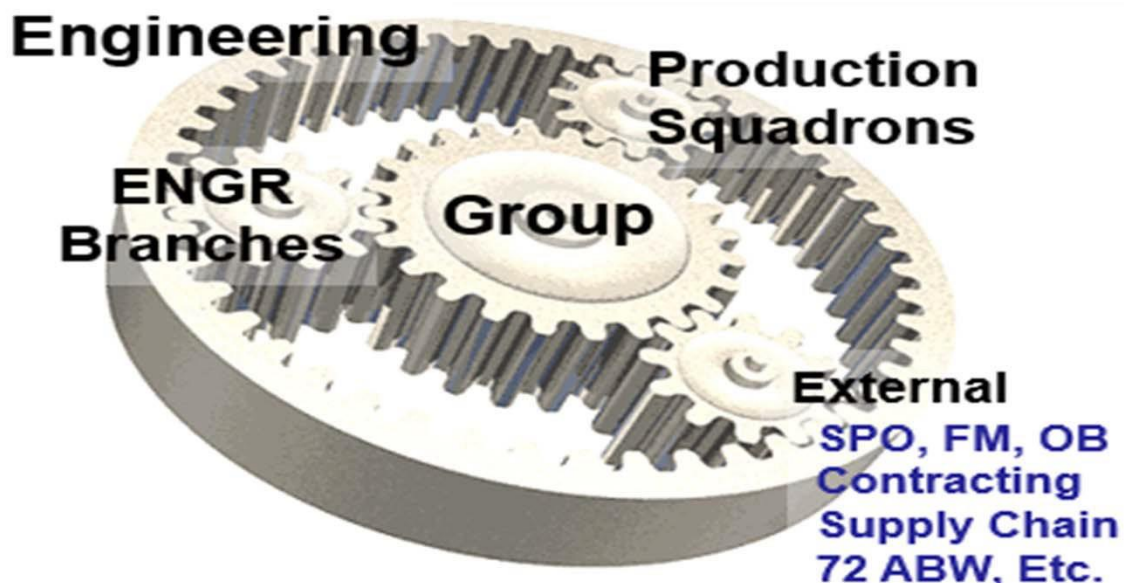
- Process
- Infrastructure
- Manufacturing
- Process Improvement
- Equipment

Special Programs

- Environmental
- Hazardous Material
- Non Destructive Inspection
- Additive Manufacturing
- Reverse Engineering
- Capital Improvement Program
- New Workload

Focal Points

- Industrial Processes
- Production Science
- HAZMAT
- Utilities



Transformation Branch

76 CMXG/MXDEX
Dr. Latricia Fitzgerald

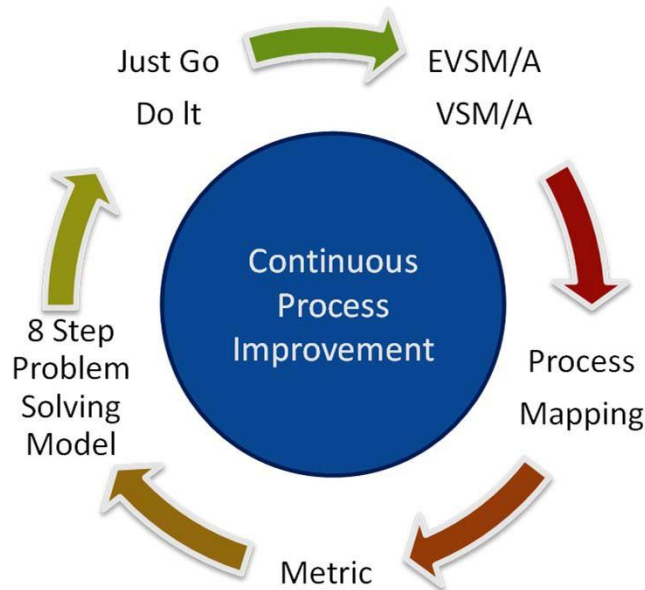
Transformation & Integration Office

Transformation

- Industrial Process Control (IPC)
- Art of the Possible (AoP)
- “LEAN” Culture
- Risk Identification; Mitigation

Integration

- OC-ALC Strategic Plan
- 76 CMXG Strategic Plan
- CEMP Enterprise



Training

- AFSO21 Greenbelt / Blackbelt Program Management
- Art of the Possible
- Lean Awareness

Facilitation

- VSM / A
- 8 Step Problem Solving Model
- Rapid Improvement Event (RIE)
- Process Improvement Event (PIE)
- Greenbelt / Blackbelt Projects

Quality Assurance Division (QA)

Support Branch (OASCA)

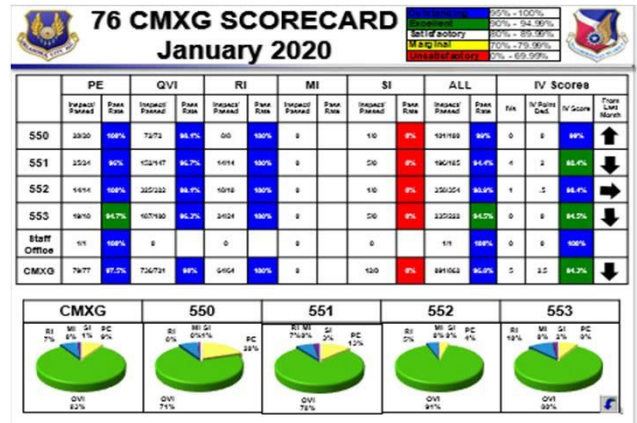
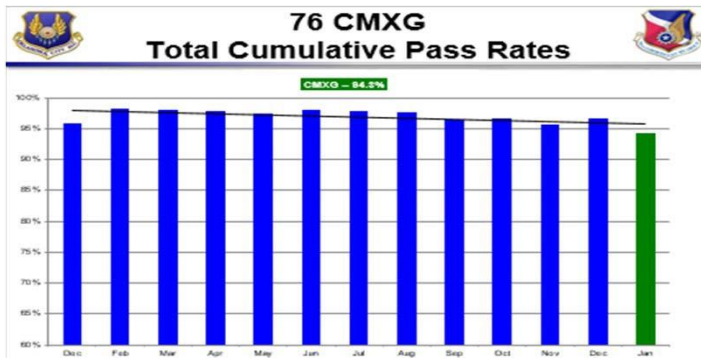
QDR Program & Systems	Program Management	Audits and Inspections
<ul style="list-style-type: none"> QDR Program Mgmt./Investigations Customer Support JDRS Mgmt 	<ul style="list-style-type: none"> Self-Assessment Program(SAP) Foreign Object (FO/FOD) Program 	<ul style="list-style-type: none"> AF/AFMC/Complex IG Industry Certifications AS9110

Fabrication Branch (OASCB)

- 551st & 553rd

Accessories Branch (OASCC)

- 550th & 552nd



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