



*Leaders  
in Aerospace  
Excellence*



Chihuahua's  
**AEROSPACE**  
CLUSTER



# Chihuahua



The **State of Chihuahua** is located in Northwestern Mexico, sharing an extensive border with the U.S. through the States of **New Mexico and Texas**.



**Chihuahua city**, the capital of the state it's located 350 km far from the U.S. via Ciudad Juárez and 260 km via Ojinaga.

# Chihuahua's Aerospace Cluster



We are an association of companies working together to enhance the growth of the aerospace industry within the city of Chihuahua

Creating a **business ecosystem** among our members, through networking

We promote foreign and national **investment**

We participate with educational institutions for the **development of talent** that our industry requires

We work together with government institutions and private initiative to develop **growth plans** for the aerospace industry



We develop the **supply chain**

# Chihuahua's Aerospace Cluster



## Honorary Members



Chihuahua Global<sup>®</sup>



PRESIDENT  
Luis M. Azúa



CLUSTER MANAGER  
Michelle Miledi

SUPPLY CHAIN  
Elfido Ramos

TALENT DEVELOPMENT  
José Nuñez

PROMOTION  
Sandra Malottky

COURSES AND CERTIFICATION

## Board of Directors



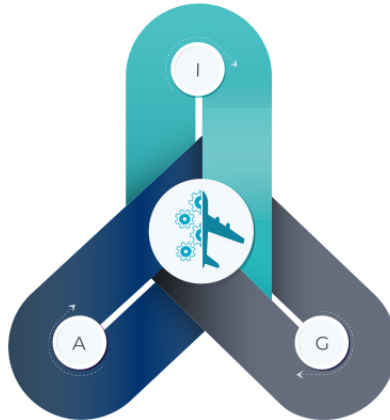
# Triple helix model

Meet your strategic business partners



Chihuahua's collaboration between private initiative, government and academia is one of a kind in the country

## Academy



## Industry



## Government



# Aerospace Industry Overview



# Origin of investment



Canada



France



USA



Brazil



Mexico



United  
Kingdom

# AEROSPACE CAPABILITIES IN CHIHUAHUA



**AEROPARTS  
AND SHEET  
METAL**



**AERO  
STRUCTURES**



**COMPOSITES**



**AIRCRAFT  
INTERIORS  
AND SEATS**



**HARNESSES**



**MACHINING**



**SLIDES  
AND RAFTS**



**THERMAL  
AND SURFACE  
TREATMENT**



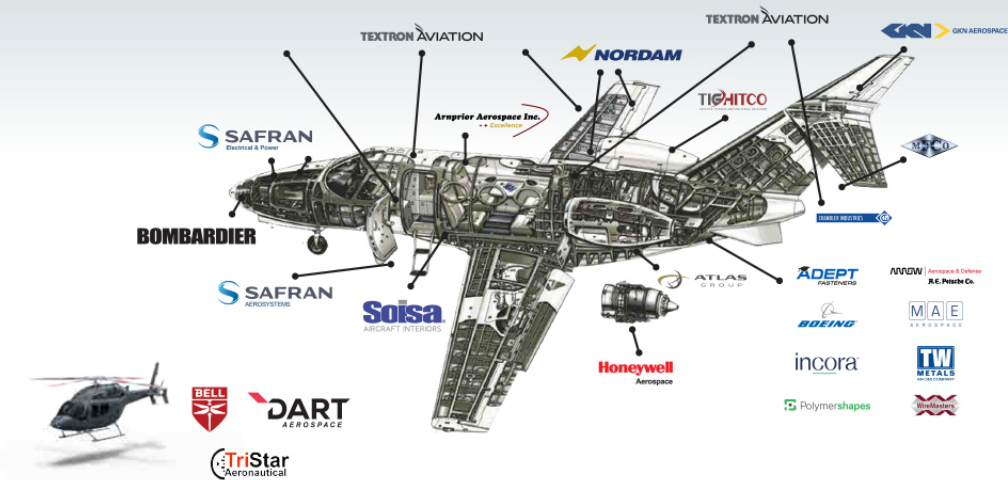


# CHIHUAHUA VALUE CHAIN



OEM's	Tier 1	Tier 2	Local SME's	Supply and Distribution	Industrial developers and shelter services
					
					
					
					
					
					
					
					

# CHIHUAHUA VALUE CHAIN



# Currently serving the following OEMs with cost-competitive and world class products



**AIRBUS**



Gulfstream



**BOMBARDIER**



# What are we working on



Promoting of our members capabilities and the 'Chihuahua Factor' to seek and find the nearshoring opportunities to strenghten the supply chain in Chihuahua, attending to the main aerospace events (national and international).



Identifying and connecting suppliers based on our members requirements.



Creating a business network between our members through meetings, networking events and plant visits.



Developing and updating the Chihuahua's Aerospace Flight Map in order to establish a vision for the aerospace industry in Chihuahua for the next 5-10 years, teamworking with companies and our allies.



Organizing and offering courses to our members based on their requirements.



Linking our members to the international and national aerospace community through our collaborations with FEMIA, Aerospace Clusters in Mexico, and the European Aerospace Cluster Partnership.

# CERTIFICATIONS



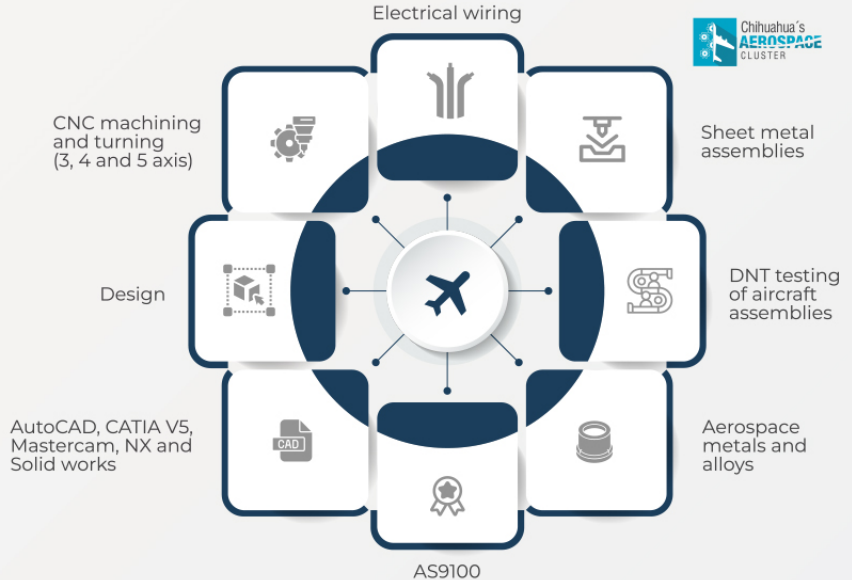
COMPANY	AS9100	NADCAP	ISO-9000	ASME	ISO-9001	ITAR	OTHER
ARNPRIOR AEROSPACE	🏆	🏆					
MAKINOVO	🏆				🏆		
*** HMX							
TIGHTCO	🏆	🏆					
SAFRAN ELECTRICAL & POWER	🏆		🏆				
MEINS INDUSTRIES					🏆		
CASTLE METALS	🏆		🏆				
LISI AEROSPACE	🏆	🏆	🏆				
ADEPT FASTENERS	🏆						AS9120
GNK FOKKER	🏆						EESA PART 21G
ATLAS GROUP	🏆						
CHANDLER INDUSTRIES	🏆				🏆		
POLYMERSHAPES	🏆				🏆		
ALIGN AEROSPACE	🏆				🏆		AS9120, AC00-58B
CBQ TECHNOLOGIES	🏆				🏆		
INCORA							AS9120
INCORA FSL (Bodega)							AS9120
EZ AIR	🏆						
WIREMASTERS							Se trabaja en AS9100
DART AEROSPACE							
BOMBARDIER	🏆	🏆					
ALTASER AEROSPACE	🏆	🏆					
METAL FINISHING	🏆	🏆					
TW METALS	🏆		🏆	🏆			
SOISA AIRCRAFT INTERIORS	🏆				🏆		
HONEYWELL	🏆	🏆		🏆		🏆	
BELL	🏆						
BYC INDUSTRIAS	🏆				🏆		
TEXTRON AVIATION							
*** KAMAN	🏆				🏆		

- ✓ AS9100
- ✓ NADCAP
- ✓ AS9120
- ✓ ISO 9000
- ✓ ISO 9001

# HIGH TECHNOLOGY TRAINING CENTER



Cenaltec develops Tailor made specialization training programs according to your company needs.



# HIGHLY QUALIFIED LABOR FORCE



Over **6,000**  
engineering  
graduates



Over **34,000**  
Skilled graduates\*  
(1/3 of them  
in STEM)



**98%** of  
engineers and  
technicians  
are local



**59** University  
Campuses and  
**65** technical  
and vocational  
institutions

# Recognitions



Recognized Chihuahua as one of the cities of the future for mid-size Americas



**CHIHUAHUA**

**TOP 10**

MID-SIZED AMERICAS  
CITIES OF THE FUTURE

2021/22 COST EFFECTIVENESS



# Chihuahua

## Aerospace City of the Future



Financial Times recognized Chihuahua  
as an aerospace city of the future 2018/19





Thank you!



Luis M. Azúa

**PRESIDENT**

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Michelle Miledi

**CLUSTER MANAGER**

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Asociación de Maquiladoras y Exportadoras de Chihuahua, A.C.