

Aerospace Industry Sector in UAE



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1. Summary

- The Aerospace sector is one of the six Dubai Industrial Strategy focus sectors
- An important characteristic of Aerospace industry is what is known as spinoff technology ,that means products which are indirectly developed as result of aerospace activities that impacts the economy in various fields including high precision technology. For example 3D printing in Dubai can be a spinoff by the aerospace sector
- Dubai possesses excellent capability in aircraft MRO (Maintenance, repair and overhaul) and aviation training, both of which have good untapped export potential according to ITC map
- Eleven companies are currently working in Dubai in aircraft maintenance and repair ,two in cabinet simulation manufacturing and four in aviation training(See the appendix for details).These companies can be approached to be recruited members of Dubai Exports
- Dubai total trade in parts of engines , including aviation related products, reached 46 Billion AED in Jan-Sept 2017, while corresponding exports registered 370 Million AED during the same period(see appendix)
- .Total exports from UAE of all aircraft parts is estimated at 1.8 Billion US\$ in 2016 according to ITC Trade Map
- The MRO global market is a growing market, and is estimated currently at nearly 70 billion US\$ with a future CAGAR exceeding 15%
- Dubai hosts the annual MRO exhibition in January every year. The exhibition is an important meeting platform for buyers and solution providers and thus a major driver of export from Dubai

2. Strategic position

- **The Aerospace sector is one of the six strategic sectors of Dubai Industrial Strategy 2030. Its contribution to GDP is estimated to be 2.3%**
- **A number of initiatives are being developed by an expert team to boost the sector contribution for strategy period. The initiatives include:**
 - > **Emirates Offset Program**
 - > **Strategic tenant ownership**
 - > **Land Lease Subsidization**
 - > **Dubai Industrial Aerospace Cluster**
 - > **Equity Participation in Aerospace MNC**
 - > **3D Printing Proliferation Strategy**
 - > **Global MRO Championing**
 - > **JV Facilitation**
 - > **Aerospace University Programs**

- > **Aerospace Scholarship Programs**
- > **Financing Aerospace SME Expansion**
- > **Aerospace Training Institutions**
- > **Aerospace Internship Programs**
- > **Facilitating Aerospace Exports**
- > **Dubai Aerospace Industrial Exhibition**
- > **Dubai Aerospace Association**

3. Dubai Capability in Aerospace Industry

- MRO (Maintenance, repair and overhaul) is the backbone industrial activity of the Aerospace Industry. It pertains to inspection, rebuilding, manufacture and supply of spare parts and consumables. This sector has a great potential for export of MRO products and services
- One other important characteristic of Aerospace industry is what is known as spinoff technology ,that means products which are indirectly developed as result of aerospace activities. Spinoff technologies in USA generate revenue of the order of 5billion US\$ covering products of a wide range of uses
- Two Aerospace areas are important for export growth, namely
 - MRO products and services

- Aviation training
- World export of Maintenance and Repair Service is huge, it registered around 78 Billion US\$ in 2016
- The MRO global market is a growing market, and is estimated currently at nearly 70 billion US\$ with a future CAGR exceeding 15%
- Dubai hosts the annual MRO exhibition in January. The exhibition is an important meeting platform for buyers and solution providers and thus a major driver of export from Dubai

4. Companies in Dubai operating in the Aerospace sector

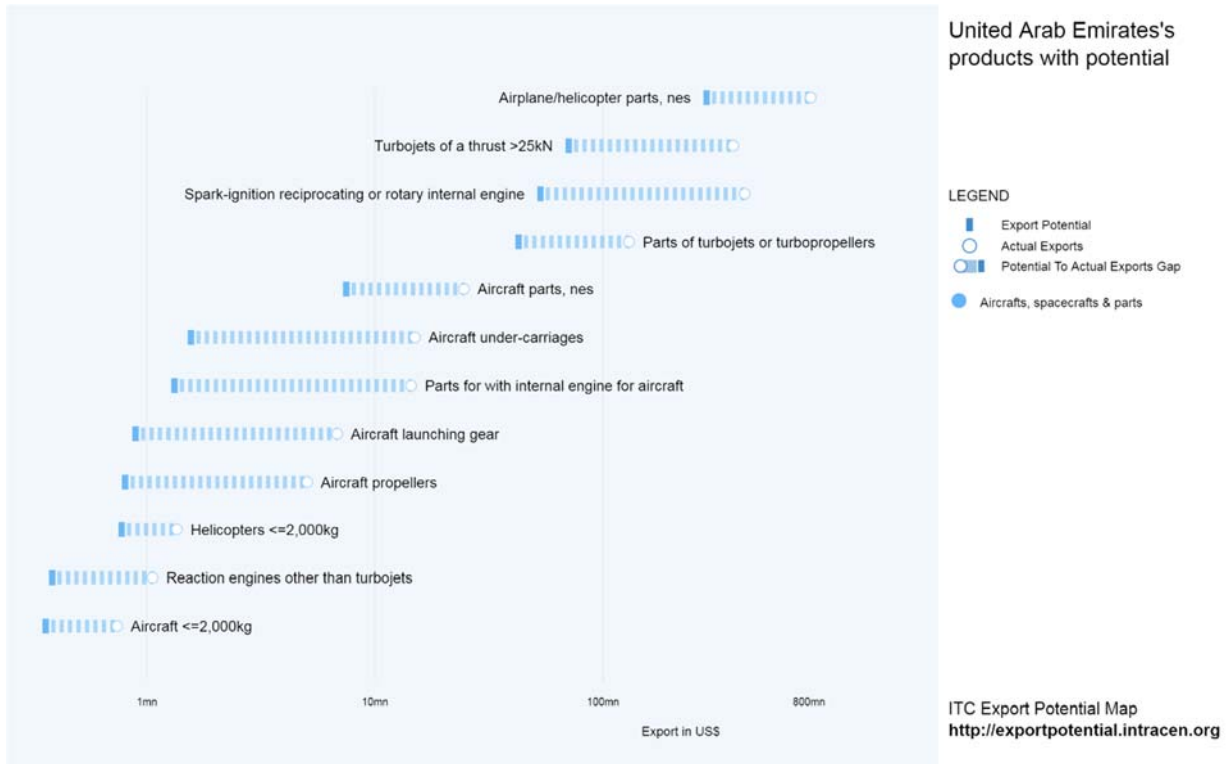
- Eleven companies are working in aircraft maintenance and repair ,two in cabinet simulation manufacturing and four in aviation training(See the appendix for details)

5. Foreign Trade

- Dubai total trade in parts of machines and engines including aviation related products reached 46 Billion AED in Jan-Sept 2017, while exports registered 370 Million AED during the same period(see appendix)
- .Total exports from UAE of all aircraft parts is estimated at 1.8 Billion US\$ in 2016 according to ITC Trade Map

6. Global opportunities

- AS depicted by the chart below ,a number of aircraft parts s are currently exported from UAE have good untapped export potential(see table 1)



7. Potential markets for Aerospace industry exports from UAE

Table 1 High-untapped potential

<i>Airplane/ helicopter parts</i>	<i>53.4 mn US\$</i>
<i>Turbojets of Thrust</i>	<i>22.7 mn US\$</i>
<i>Spark Ignition Reciprocating or Rotary Engines</i>	<i>16.2 mn US\$</i>
<i>Parts of Turbojets and Turbopropellers (</i>	<i>19.2 mn US\$)</i>
<i>Aircrafts parts</i>	<i>3.1 mn US\$</i>
<i>Aircraft Undercarriage</i>	<i>387K US\$</i>

Potential markets

The top potential markets for Airplane/Helicopter parts exist in Afghanistan, USA, and KSA

And for aircraft parts in Germany, USA, Oman, India, KSA

8. Appendix

Dubai Trade in the aerospace related products

	376,349,4
EXPORT	49
	342,642,3
8803	83
Parts of goods of heading 88.01 or 88.02.	342,642,3 83
	33,508,81
8412	0
Other engines and motors.	33,508,81 0
8409	198,256
Parts suitable for use solely or principally with the engines of heading 84.07 or 84.08.	198,256
	28,758,49
IMPORT	1,006
	12,110,70
8802	5,926
Other aircraft (for example, helicopters, and aeroplanes); spacecraft (including satellites) and suborbital and spacecraft launch vehicles.	12,110,70 5,926
	10,866,64
8411	4,898
Turbo-jets, turbo-propellers and other gas turbines.	10,866,64 4,898
	3,521,009
8803	,482
Parts of goods of heading 88.01 or 88.02.	3,521,009 ,482
	1,330,341
8409	,019
Parts suitable for use solely or principally with the engines of heading 84.07 or 84.08.	1,330,341 ,019
	491,617,4
8412	29
Other engines and motors.	491,617,4 29
	354,888,6
8407	74
Spark-ignition reciprocating or rotary internal combustion piston engines.	354,888,6 74
	83,283,57
8805	7
Aircraft launching gear; deck-arrestor or similar gear; ground flying trainers; parts of the foregoing articles.	83,283,57 7

		16,479,26
RE-EXPORT		2,176
		5,536,371
8407		,329
Spark-ignition reciprocating or rotary internal combustion piston engines.		5,536,371
		5,233,555
8803		,491
Parts of goods of heading 88.01 or 88.02.		5,233,555
		4,405,994
8411		,970
Turbo-jets, turbo-propellers and other gas turbines.		4,405,994
		1,032,831
8409		,321
Parts suitable for use solely or principally with the engines of heading 84.07 or 84.08.		1,032,831
		258,503,2
8412		62
Other engines and motors.		258,503,2
		7,898,085
8805		7,898,085
Aircraft launching gear; deck-arrestor or similar gear; ground flying trainers; parts of the foregoing articles.		7,898,085
		4,107,719
8802		4,107,719
Other aircraft (for example, helicopters, and aeroplanes); spacecraft (including satellites) and suborbital and spacecraft launch vehicles.		4,107,719
Grand Total		45,614,10
		2,632

Maintenance and Repair Services world Export

Unit : US Dollar thousand

Service code	Service label	Exported value in 2012	Exported value in 2013	Exported value in 2014	Exported value in 2015	Exported value in 2016
S	All services	4,518,752,202	4,807,800,693	5,139,077,647	4,848,731,160	4,833,009,772
2	Maintenance and repair services n.i.e.	50,981,291	60,014,772	71,423,112	71,976,761	77,972,400

Source ITC

Companies Operating in Dubai in Aerospace sector

Light Aircraft Maintenance and Repair companies contacts

- Emirates Aviation Services 2995155
- Execujet Middle East 2949460
- Falcon Express Cargo 3316999
- Jet Aviation Dubai 2994464
- Livewell Aircrafts Maintenance 333 9971
- Ribit Hawker Lytd 8860144
- Wallan Aviation 295 **7595**

Passengers and Cargo Aircraft Repair and Maintenance contacts

- Cnnexus Air Maintenance Services 602 6401
- Dubai Aviation Corporation "FlyDubai" 7085571
- Livewell Aircrafts Maintenance 333 9971
- Technical Support Repairing and maintenance 2995000

Aircraft Cabinet Simulation manufacturing contacts

- Airbus Middle East 2998080
- Alubat Middle East 8818833

Aviation Training Institute

- Aerogulf Services 2200331
- Care Aviation Training International 286 9119
- Care Dubai 2949555
- Emirates Aviation Services 2995155

Sources

- Dubai Customs Statistics
- ITC
- BMI