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**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**F O R M 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

**For the month of August 2023**

**TAT TECHNOLOGIES LTD.**

(Name of Registrant)

Hamelacha 5, Netanya 4250407 Israel  
(Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒      Form 40-F ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ☐

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ☐      No ☒

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- \_\_\_\_\_

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**Explanatory Note**

TAT Technologies Ltd. (the "**Company**") hereby furnishes its investors presentation, which is attached to this Form 6-K as Exhibit 99.1

**Disclaimer**

The information contained herein is only a summary, does not exhaust all the information about the Company and its Operations, and does not replace a review of the Company's Periodical and Annual Reports on Form 20-F and in other information which is filed and furnished with the Israel Securities Authority and the U.S. Securities and Exchange Commission. Material information regarding the Company which is included in this slide deck has been published to the public in the past as part of the Company's reporting. That said, the information or data presented may be presented in a different manner and/or segmentation from those previously furnished in the Company's Reports.

The presentation does not constitute or form part of any invitation or offer to invest or purchase the Company's securities and in particular does not constitute an "offer to the public" or "sale to the public" of any kind, the presentation is intended solely for the provision of information included in it and does not constitute a recommendation or opinion or a substitute for the judgment of an investor for any kind of decision and does not pretend to include all the information that may be relevant for the purpose of making any decision regarding the investment in the Company's securities and in general.

This presentation may include forward-looking information as defined in the Securities Law, 1968 and in the U.S. Private Securities Litigation Reform Act of 1995, including forecasts, goals, business strategy, evaluations and estimates regarding both the Company's activities and the markets in which it operates, as well as any other information, in any form in which it is presented, that relates for future events or matters, the realization of which is uncertain and not under the Company's control.

Any forward-looking information is based on current estimates and assumptions, among others, by the Company's management, which, although the Company believes are reasonable, are inherently uncertain and are partially based on subjective estimates. The realization or non-realization of the forward-looking information will be affected and depended on a variety of factors including, including the risk factors which are inherent to the Company's activity, third party decisions, including regulatory authorities and engagements with third parties, as well as by developments in the economic environment and the external factors which impact the Company's activity, which cannot be assessed in advance and are out of the Company's control. Actual results and achievements of the Company in the future may be materially different from those presented in the forward-looking information presented in this presentation. The Company does not undertake to update or change such a forecast or estimate in order to reflect events and/or reasons that will apply after the date of this presentation and does not undertake to update this presentation.

**Exhibit Index**

This Report on Form 6-K of TAT Technologies Ltd. consists of the following document, which is attached hereto and incorporated by reference herein:

[Exhibit 99.1](#)   [Investor Presentation](#)

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereto duly authorized.

TAT TECHNOLOGIES LTD.  
(Registrant)

By: /s/ Ehud Ben-Yair  
Ehud Ben-Yair  
Chief Financial Officer

Date: August 30, 2023



# INVESTOR'S PRESENTATION

August 2023



## LOOKING FORWARD STATEMENTS

This presentation may contain certain forward-looking statements within the meaning of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1995. Generally, the words “expects,” “anticipates,” “targets,” “goals,” “projects,” “intends,” “plans,” “believes,” “seeks,” “estimates,” variations of such words and similar expressions identify forward-looking statements and any statements regarding TAT’s future financial condition, results of operations and business are also forward-looking statements. These forward-looking statements involve certain risks and uncertainties. Factors that could cause actual results to differ materially from those contemplated by the forward-looking statements include, among others, the following factors: continued compliance with government regulations; competition in the industry in which TAT does business; TAT’s business strategy and plans; exchange rate fluctuations; general economic conditions; and political, economic and military conditions in Israel.

Any forward-looking statements in this presentation are not guarantees of future performance, and actual results, developments and business decisions may differ from those contemplated by those forward-looking statements, possibly materially. Except as otherwise required by applicable law, TAT disclaims any duty to update any forward-looking statements.

Additional discussions of risks and uncertainties that may affect the accuracy of forward-looking statements included in this presentation or which may otherwise affect TAT’s business is included under the heading “RISK FACTORS” in TAT’s filings on Forms 20-F and 6-K, which are filed from time to time.

# TAT UNIQUE PROPOSITION

## EXPERIENCE AND EXPERTISE

Over 7 decades in defense and commercial aviation

## DECADES OF EXCELLENCE

In MRO for Honeywell APU, Safran and Liebherr landing gears , and thermal components MRO

## THERMAL SOLUTION

Over 60 years of design, production and repair of heat transfer solutions

## OVER 300 CUSTOMERS

Partner with tier 1 aircraft manufacturers, system integrators and airlines

## OVER \$400 MILLION

Backlog and LTA

## 3 OPERATIONAL SITES

Greensboro NC, Tulsa OK, Kiryat Gat Israel

## KEY STRATEGIC PRODUCT SEGMENTS



THERMAL SYSTEMS &  
COMPONENTS OEM  
AND MRO



APU-HONEYWELL  
AUTHORIZED MRO



LANDING GEARS-  
LIEBHERR & SAFRAN  
AUTHORIZED MRO



## TOP MANAGEMENT



**Amos Malka**

**Chairman of the Board**

In position since June 2016

Maj. Gen. (ret.) Former Head of the Israeli Defense Intelligence and Commander of the IDF Ground Forces Command. Retired in 2002.

**Previous Positions:**

2007-2015 – Chairman of the Board of Logic Industries Ltd.  
2007-2010 – Chairman of the Board of Plasan Sasa Ltd.  
2002-2005 – CEO at Elul Technologies Ltd.



**Mr. Igal Zamir**

**President & CEO**

In position since April 2016

**Previous Positions:**

2009-2013 – President at Mapco Express (subsidiary of Delek US Holdings Inc).  
2006-2009 – CEO at Metrolight Ltd.  
1997-2004 – CEO at Rostam Ltd.



**Mr. Ehud Ben Yair**

**CFO**

In position since May 2018

**Previous Positions:**

2016-2017 - CFO at SHL Telemedicine (SHLTN) 2013-2016 – CFO & Vice CEO at Opgal Optronics (Subsidiary of Elbit Systems and Rafael). 2005-2012 – CFO at Orad Hi-Tech Systems (OHT).

**TAT IS DUALY LISTED ON NASDAQ ("TATT") AND ON THE TEL- AVIV STOCK EXCHANGE (תתאט) .  
MAIN SHAREHOLDER: FIMI 59%**

# GLOBAL PRESENCE

## TULSA, OKLAHOMA

OEM & MRO  
THERMAL MANAGEMENT  
SOLUTIONS

## GREENSBORO, NORTH CAROLINA

MRO  
POWER & ACTUATION SOLUTIONS

## CHARLOTTE, NORTH CAROLINA

GROUP OFFICE

## KIRYAT GAT, ISRAEL

OEM & MRO  
THERMAL MANAGEMENT AND  
POWER & ACTUATION SOLUTIONS

## SCHENGEN CHINA

THERMAL COMPONENTS  
MRO – IN PARTNERSHIP  
WITH LTS -  
LUFTHANSA SHENZHEN



FULL OWNERSHIP



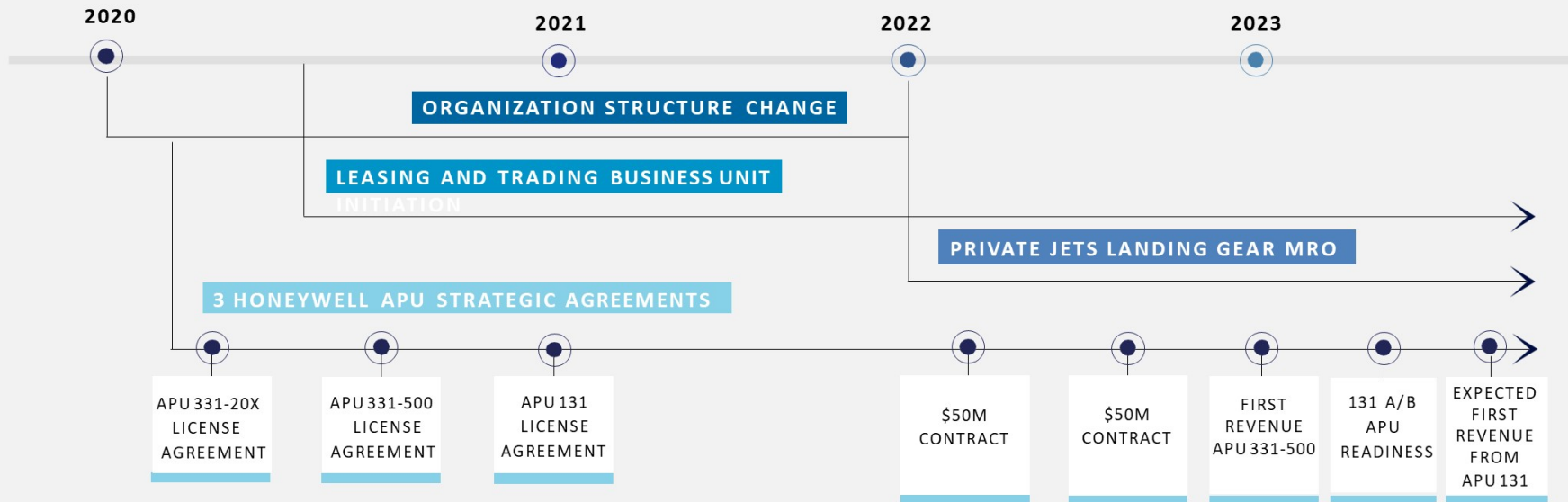
PARTIAL OWNERSHIP /  
COLLABORATION

## STRATEGIC SHIFT – KEY ELEMENTS 2020 – 2023





## STRATEGIC SHIFTS TIMELINE-STARTED IN 2020



# HONEYWELL STRATEGIC AGREEMENTS DURING 2020-21

**MRO FOR B757/767,C17 APU**  
**1,500 AIRCRAFTS**  
10 years agreement  
Estimated annual market size of \$85M

**SIGNED**  
**09/2020**

**18 ENGINES PURCHASED AS HONEYWELL**  
**EXCLUSIVE ENGINE BANK FOR APU B777.**  
**CURRENTLY 1,600 AIRCRAFTS AND PRODUCTION**  
**IS ONGOING.**

10 years agreement  
Annual estimated lease income of \$4.5M

**SIGNED**  
**12/2020**

**MRO FOR B777 APU**  
**CURRENTLY 1,600 AIRCRAFT AND**  
**PRODUCTION IS ONGOING**  
10 years agreement  
Estimated market size of \$145M Annually  
First customer launched in June\23

**SIGNED**  
**12/2020**

**MRO FOR B737 & A 319-20-21 APU**  
**CURRENTLY 16,000 AIRCRAFT AND PRODUCTION IS**  
**ONGOING**

10 years agreement  
Estimated market size of over \$1,000M annually.  
Production readiness by Q3\23

**SIGNED**  
**06/2021**

**TAT Piedmont is licensed to serve most of Honeywell's APUs installed**  
**in about 19,000 aircrafts and will gain full capabilities during 2023**

## HONEYWELL STRATEGIC DEALS POTENTIAL

ENGINE	PLATFORM	CURRENT YEARLY MARKET SIZE	TAT'S CURRENT MARKET SHARE	MARKET SHARE POTENTIAL FOR THE COMING YEARS
<b>331-20X</b>	B767, B757, C17	\$85M	29%	53% 
<b>331-500</b>	B777	\$145M	NONE	10% 
<b>131</b>	B737, A319-21	\$1,000M	NONE	5% 



## REVENUE AND EBITDA GROWTH ENGINES FOR 2023-4

SEVERAL STRONG  
PILLARS  
WILL SUPPORT  
THE GROWTH IN  
REVENUE AND  
EBITDA:

Strong demand for products and services as the industry is ramping out of COVID- strong backlog coverage for 2023

Strong growth in APU331-200 for 2023 and 2024 - 2 major deals in the funnel

Growth from APU131 and 331-500 with improved profitability as we start penetrating the market

2 strategic deals for landing gears

Trading and Leasing

Improvements in cost structure led to a cost saving of \$1.5M annually

Favorable exchange rate USD/NIS



## NEW TECHNOLOGIES: LONG-TERM GROWTH POTENTIAL



THERMAL SYSTEMS  
FOR ELECTRICAL  
AIRCRAFT AND  
AUTONOMOUS  
AIRCRAFTS



ADDITIVE  
MANUFACTURING  
AND 3D PRINTING



CONFORMAL HEAT  
EXCHANGERS AND  
OIL COOLERS FOR  
ENGINES



## LATEST INVESTOR NEWS



**TAT Signs a new \$50M contract with a major airline**

June 9, 2022

[Read more](#)



**TAT signs a contract expansion valued \$6 million a year with Collins Aerospace**

October 18, 2022

[Read more](#)



**TAT signs a five years contract extension valued \$50M with a major airline**

February 6, 2023

[Read more](#)



**TAT received first APU331-500 order**

[Read more](#)



**TAT Signed a new \$7.5M contract with a major carrier**

[Read more](#)



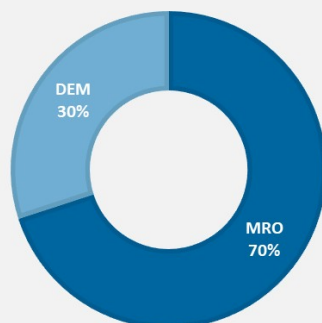
# FINANCIALS

## BUSINESS BREAKDOWN

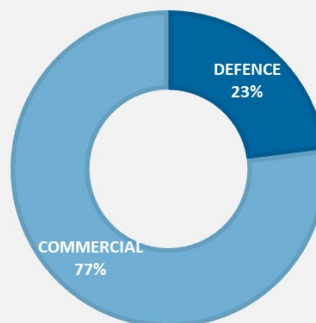
### LTA & ORDERS

2016	\$170M
2017	\$222M
2018	\$214M
2019	\$185M
2020	\$185M
2021	\$257M
2022	\$400M
2023	\$423M

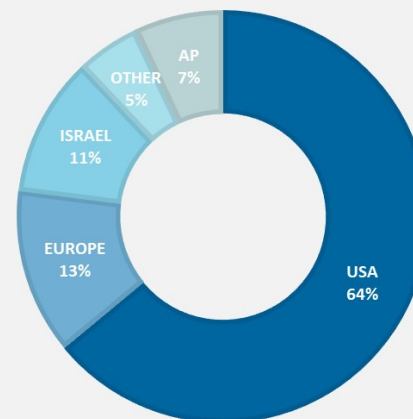
### OEM VS. MRO



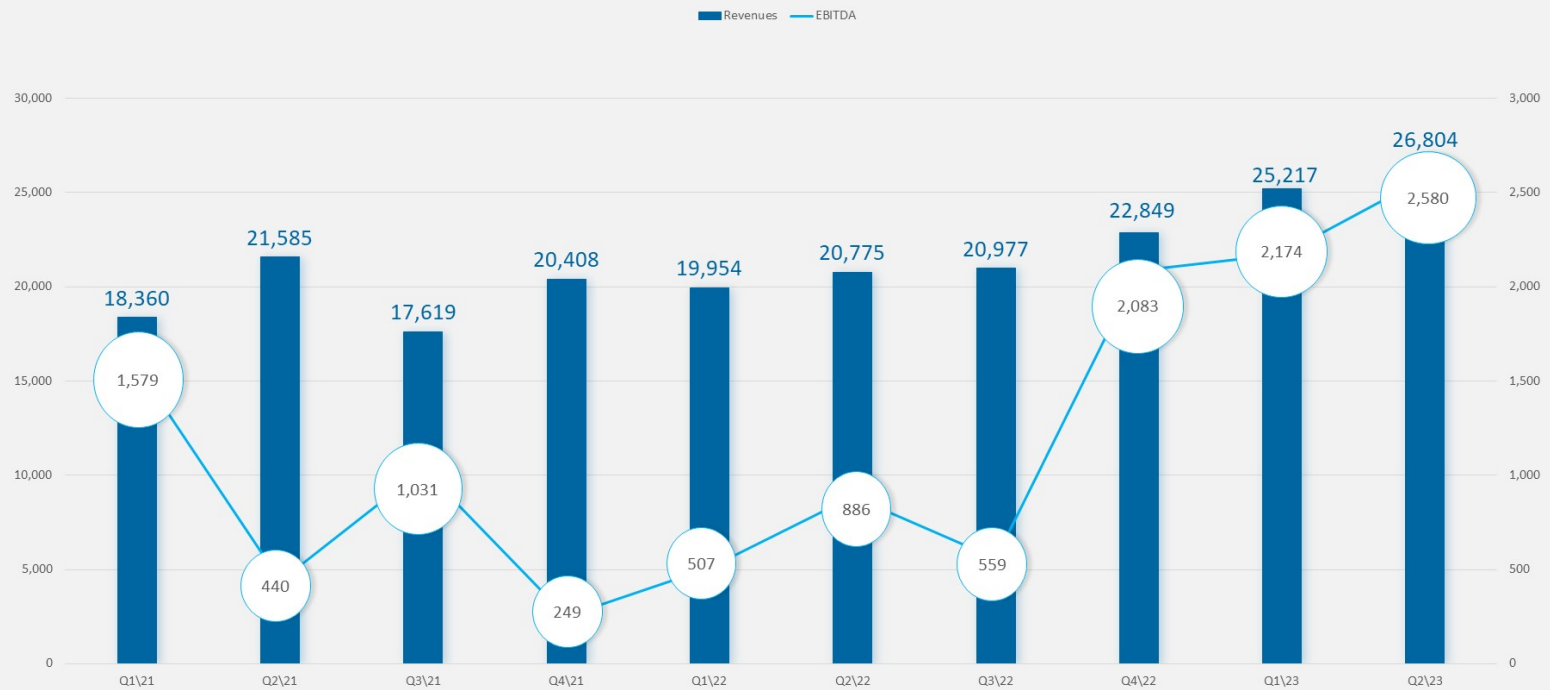
### COMMERCIAL VS. DEFENSE



### GEOGRAPHICAL DISTRIBUTION



## UPWARD TREND IN REVENUE AND EBITDA STARTED IN Q4/22





## APPENDICES PRODUCT LINES AND SERVICES

# WE KEEP OUR CUSTOMERS FLYING

**MORE THAN  
300 CUSTOMERS**

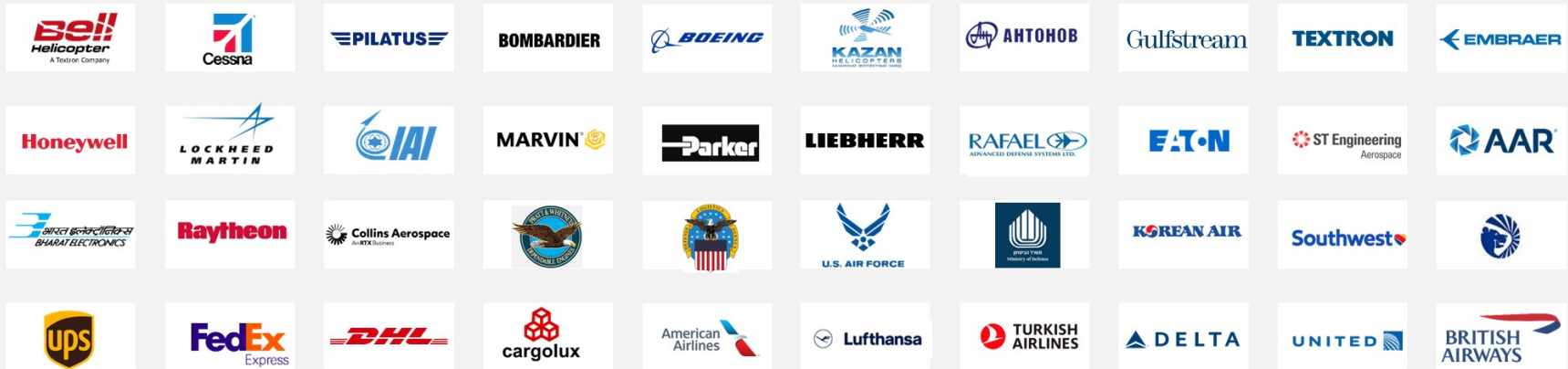
**WORKING WITH MORE THAN  
50 MAJOR AIRLINES**

**5 LARGEST CUSTOMERS,  
PRESENT 27% OF REVENUE**





# WE KEEP OUR CUSTOMERS FLYING



# THERMAL MANAGEMENT

DESIGN,  
MANUFACTURE  
(OEM) AND  
MRO SERVICES  
FOR THERMAL  
MANAGEMENT  
SOLUTIONS



HEAT EXCHANGERS



COLD PLATES



OIL COOLERS



ELECTRONIC DEVICES  
COOLING SYSTEM



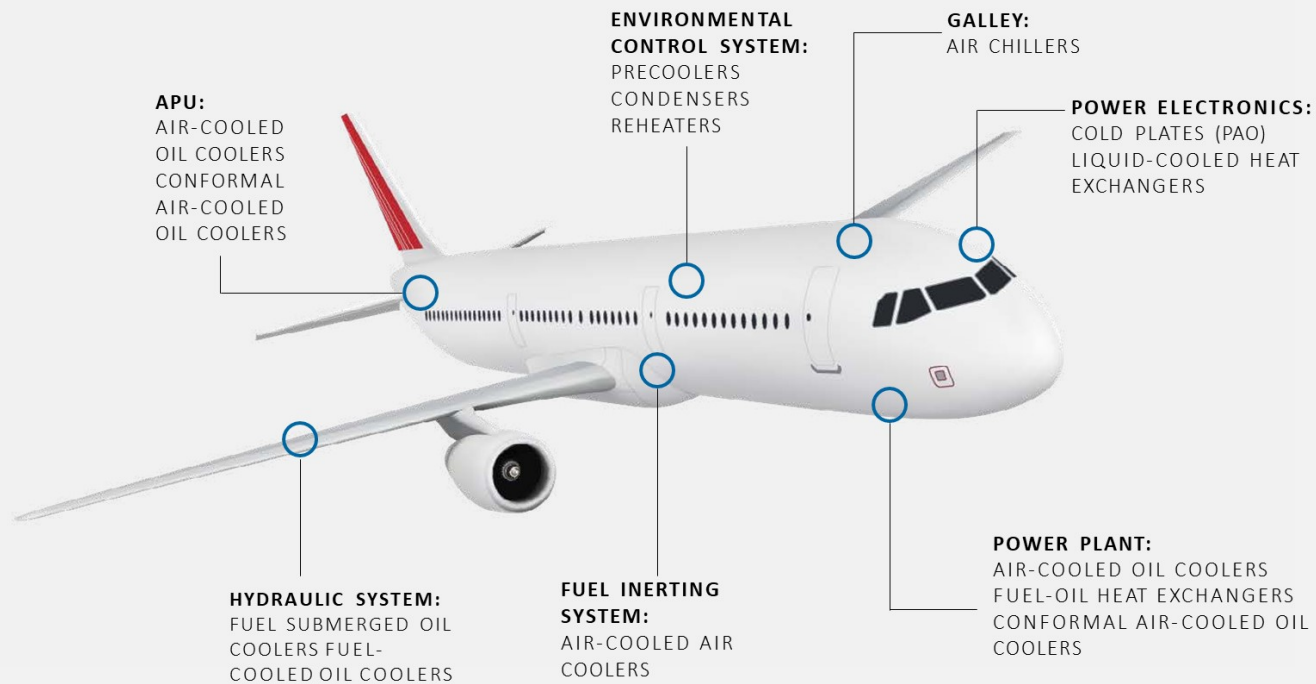
FUEL SUBMERGED HX



ECU



# THERMAL MANAGEMENT SOLUTIONS



# POWER AND ACTUATION

DESIGN, MANUFACTURING  
AND MRO SERVICES FOR  
POWER AND ACTUATION  
SOLUTIONS



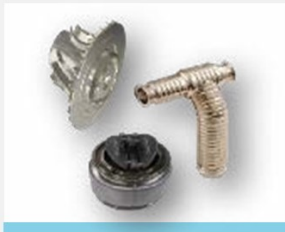
APU



LAMING GEARS



FUEL SYSTEM  
ACCESSORIES



ECS ACCESSORIES



BLADES



COOLING SYSTEMS  
ACCESSORIES



PUMPS

A young boy is seen from behind, sitting in a field of tall grass. He is holding a paper airplane up in the air with his right hand. The background is a bright sunset or sunrise over a city, with the sun low on the horizon, creating a warm, golden glow. The text "THANK YOU" is overlaid on the left side of the image.

THANK YOU