



**EGYPTAIR**   
MAINTENANCE & ENGINEERING

## **Board of Directors**

**Eng. Abou-Taleb Tawfik**

**Chairman and CEO**

**EGYPTAIR M&E**

**Mr. Mounir Abd El-Wahab**

**Banque Du Caire,**

**Chairman & CEO**

**Eng. Mohamed Tarek Mahmoud**

**Chairman Assistant**

**EGYPTAIR M&E**

**Mr. Sherif Kamal Abdel Gelil**

**VP Financial Sector,**

**EGYPTAIR HOLDING COMPANY**

**Capt. Hashim El-Sied Ibrahim**

**Chairman Deputy**

**EGYPTAIR AIRLINES,**

**Eng. Mohamed Samy**

**Board Member,**

**Accountable Manager**

**Eng. Khaled Ahmed Omar**

**Director of Ads & Communication,**

**EGYPTAIR M&E**

**Eng. Alaa El-Din Ahmed**

**Board Member,**

**Syndicate Representative**

**Mr. Taha Mohamed Metwally Board Member,**

**EGYPTAIR M&E**

**Mr. Wael Abdel El-Kareem**

**Board Member,**

**EGYPTAIR M&E**

EGYPTAIR Maintenance & Engineering (M&E) is the only full-maintenance, repair and overhaul (MRO) service provider in Egypt. EGYPTAIR M&E adopts a comprehensive strategy to be a reputable affiliated MRO, using well-developed solutions and maintenance services to support its customers covering different types of aircraft, aircraft's engines & components. EGYPTAIR M&E is committed to supporting EGYPTAIR operators. EGYPTAIR M&E works under the approval of the Egyptian Civil Aviation Authority, as well as, EASA Part 145 and FAR Part 145 approvals. EGYPTAIR M&E has an authorized capital of 500 million EGP.

## Development Stages

- In 2002, EGYPTAIR M&E became a separate business entity as a subsidiary of EGYPTAIR Holding Co.
- Early 2006, EGYPTAIR M&E obtained the EASA Part 145 approval for Line Maintenance activities.
- On September 2006, EGYPTAIR M&E elevated the rating of EASA approval by adding the Base Maintenance activities (Airbus types).
- On September 2007, EGYPTAIR M&E expanded the EASA approval to cover Boeing types.
- End of 2007, EGYPTAIR M&E fulfilled the ISO 9001:2000 requirements to be a certified organization, also the calibration lab was certified according to the ISO 17025.
- Early 2008, EGYPTAIR M&E celebrated the opening of a brand-new Engine Overhaul Workshop.
- On March 2008, EGYPTAIR M&E obtained the EASA approval for the new Engine Overhaul Workshop.
- On December 2008, EGYPTAIR M&E celebrated the releasing of first CFM56-5C engine, according to EASA 145 release to service certificate.
- On May 2009, EGYPTAIR M&E was nominated "The Best Airline Third Party MRO" in the yearly Aviation Industry Awards.
- On June 2009, EGYPTAIR M&E celebrated the inauguration of a new company, Egypt Aero Management Service (EAMS), a joint venture between EGYPTAIR Holding, EGYPTAIR M&E and Rolls Royce.
- End of 2008/2009 fiscal year, EGYPTAIR M&E hit the limit of one billion EGP as total revenue.
- On June 2010, EGYPTAIR M&E was approved as the B/E Aerospace Service Center for Galley Inserts in the African continent.
- On April 2011, EGYPTAIR M&E obtained the FAA approval under FAR 145 as an approved Repair Station
- End of 2011, EGYPTAIR M&E joined Embraer aircraft services network as an authorized service center for the EMBRAER 170/190 family in the region.
- On May 2012, EGYPTAIR M&E launched its new Line Station in Baghdad, Iraq, to support Iraqi Airways' operation.
- On May 2013, EGYPTAIR M&E opened the Integrated Drive Generator (IDG) units test workshop after renovation.
- On August 2015, EGYPTAIR M&E launched a project of adding the overhaul capability for engine type CFM56-7B.
- On November 2015, EGYPTAIR M&E signed a joint venture agreement with Global Aerotec, South Africa, to launch a technical base in Johannesburg.
- On June 2016, EGYPTAIR M&E took delivery of its new complex in Terminal (3) to mobilize it for opening in 2016/2017.
- On November 2016, EGYPTAIR M&E launched the Implementation Project for AMOS; the modern MRO IT Platform.
- On December 2016, EGYPTAIR M&E state-of-the-art Calibration Labs have been accredited by the National Accreditation Board ANAB of the USA.
- On September 2017, EGYPTAIR M&E Obtained ECAA Approval by adding the capability for Engine Type CFM56-7B.
- On February 2018, EGYPTAIR M&E hosted the 27th MRO Africa Conference & Exhibition.



## **Solutions & Services Portfolio:**

Continuous Airworthiness Management Extensive range of tailored solutions is provided; taking into considerations operator's technical, operational, financial and regulatory aspects including but not limited to the following:

- ▣ Aircraft acquisition support including technical definitions, options selection, warranty and guarantee terms, safe life policy definition...etc.
- ▣ Aircraft Leasing Support
- ▣ Fleet Management
- ▣ Registration Support
- ▣ Continuous Airworthiness Management
- ▣ Maintenance Planning & Scoping
- ▣ Assets Deliveries and Redeliveries Management.
- ▣ Airframe Maintenance
- ▣ Providing Ramp/Line Maintenance at base; Cairo International Airport, and all domestic airports. In addition to many international airports in the Middle East & Africa.
- ▣ Providing light/heavy maintenance activities, including maintenance checks, modification embodiment, striping & re-painting, and structure repairs.

## **EGYPTAIR M&E maintains the capability of the following aircraft types:**

- ▣ Airbus aircraft types: A320 Family, A340/A330 Families, A300-600, A330F and A300B4
- ▣ Boeing aircraft types: B737-Classic, B737NG, B777series, B787, B767, and B757
- ▣ Embraer aircraft types: E170/175 & E190

## **Engine Maintenance**

EGYPTAIR M&E maintains the following Engines types:

- ▣ V2500 A1/A5 and CFM56-5C with the scope of a quick engine change (QEC) strip & build, modular replacement and engine core overhaul.
- ▣ CFM56-7B, CFM56-3C, PW 4090/4158 and Trent 700 with the scope of a quick engine change (QEC) strip & build and modular replacement.



## **Component Maintenance & Support**

- EGYPTAIR M&E provides component maintenance services for a wide range of aircraft components (7229 Part Numbers) such as mechanical components (hydraulics, brakes, wheels) and avionic components (ATEC, radio instruments, electrical systems).
- EGYPTAIR M&E also offers component support solutions including access to components pool, loan & exchange options, repair management, and warranties & guarantees management.

## **Calibration Services**

- EGYPTAIR M&E has the capacity to calibrate many types of measurement instruments and devices such as:
  - Electrical instruments and devices: DC/AC voltage, electrical current, and resistance.
  - Pressure instruments and devices: Gas and hydraulic gauges
  - Frequency
  - Torque



## **NDT**

EGYPTAIR M&E provides NDT (Non-Destructive Testing) services using Eddy current, Ultrasonic, X-ray and Gamma-ray, Penetrant inspection, Magnetic partial inspection, Radiographic inspection, and Thermographic Inspection.

## Certifications & Accreditations

**EGYPTAIR M&E holds and maintains the following accreditations & certifications, which governs the continuous compliance with reference to the related regulations and standards:**

- ECAA Part 145 (approval Certificate no. EGYPTAIR/AS/01/98)
- EASA Part 145 (approval certificate no 0290)
- FAR part 145 (approval Certificate no. 3EMY437B)
- Calibration Laboratory (ISO 17025)
- ANSI-ASQ National Accreditation Board
- US Department of Transportation (DOT)

### **EGYPTAIR M&E certified to implement the ISO Standards:**

- ISO 9001:2015
- ISO14001:2018
- OHSAS 18001
- All the above in addition to many local authorities' approvals that enable EGYPTAIR M&E to provide its services to its customers.
- EGYPTAIR M&E acts as Embraer Authorized Aircraft Service Center for EMB-170/-190, granted by Embraer, the regional aircraft manufacturer.
- EGYPTAIR M&E is an approved partner of Boeing for the installation of Blended Winglet on B737 Classic/NG aircraft.
- EGYPTAIR M&E acts as B/E Aerospace Approved Service Center for Galley Inserts in the African continent.

## Major Milestones Achieved During the Year

In 2017/2018, EGYPTAIR MAINTENANCE & ENGINEERING (EGME) sustained its growth with almost 3.3 billion EGP turnovers; while promoting the profit margin (before tax) to 16% supported by active actions to optimize costs & expenses.

Following the EGME strategy to leverage the total income by increasing the third-party business, EGYPTAIR MAINTENANCE & ENGINEERING managed to achieve 27% contribution to the growth of 18.3% when compared to 16/17. This growth had been powered by the intelligent deployment of EGME competencies across targeted markets to support the progressive growth of our clients' operation.

EGYPTAIR MAINTENANCE & ENGINEERING maintained its international approvals & accreditations by following worldwide-recognized standards to secure its clients' requirements, thanks to the performance of the company; its qualified staff and the dedicated commitment of the management team.

EGYPTAIR MAINTENANCE & ENGINEERING is currently implementing an ambitious Transformation Program to modernize the technology platform as well as adding new facilities to enable the company to achieve its vision of being a leading MRO provider in the region.



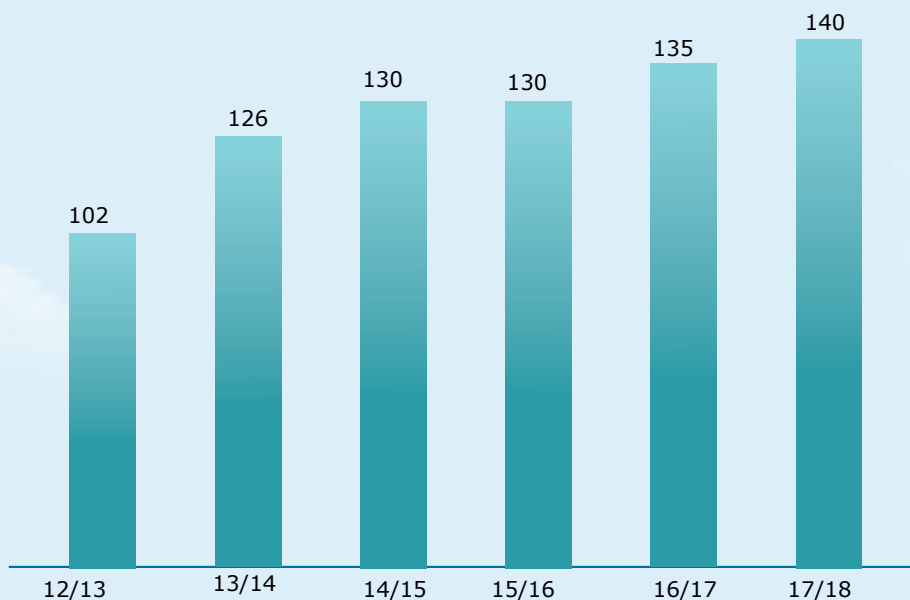


## Performance Highlights

### Customers Base

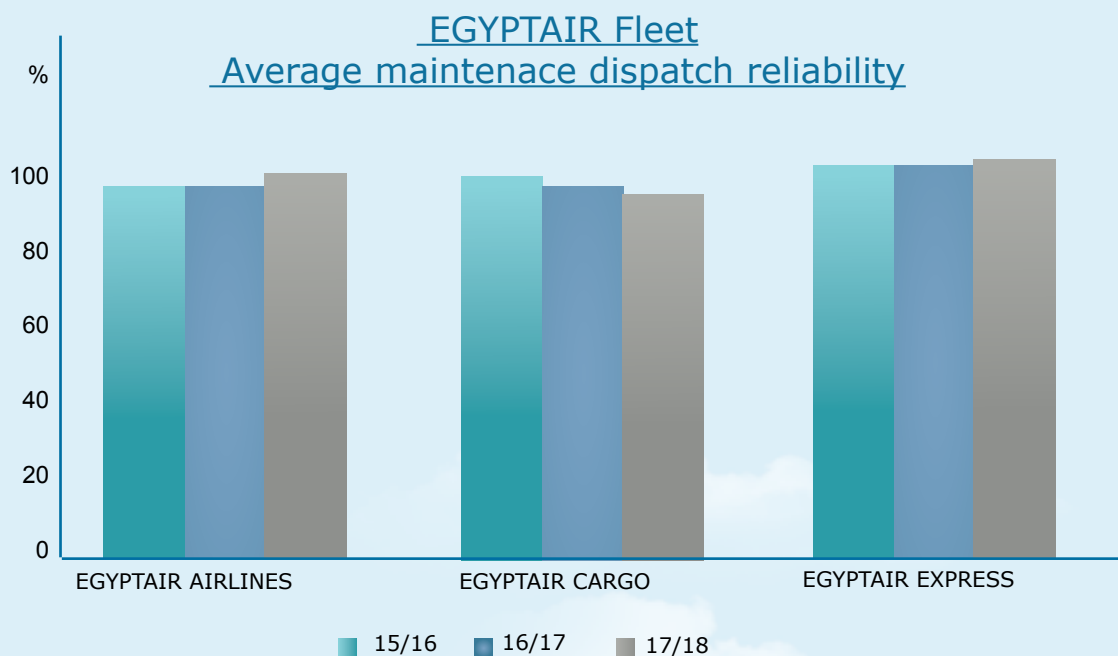
In 2017/2018, EGYPTAIR M&E maintained its customer base at the level of 140 contracted customer across its active business streams.

### EGYPTAIR M&E Customer Base

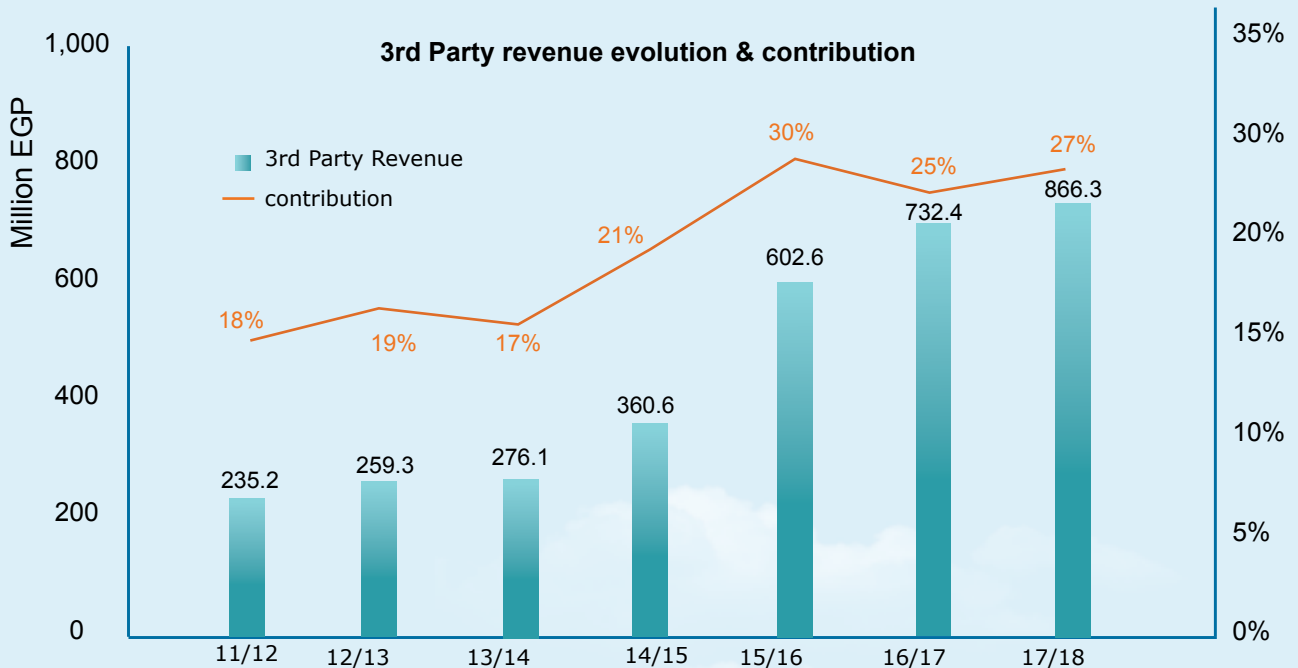
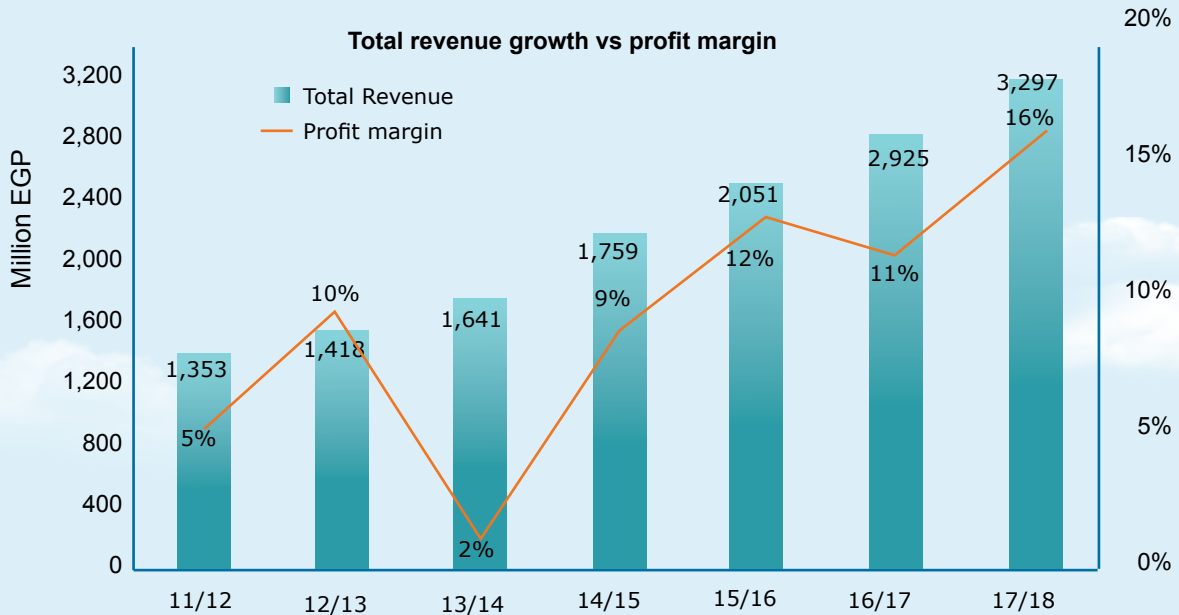


### Technical Dispatch Reliability for EGYPTAIR Fleet

EGYPTAIR M&E maintained the Technical Dispatch Reliability for all EGYPTAIR's fleet types.



EGYPTAIR M&E achieved a positive growth rate for the Total Revenue of 12.7% increase, in comparison with the previous fiscal year.



Third party revenue increased by 18.3% to count for 27% of total revenue



## New & On-going Projects

### Facility Master Plan

EGYPTAIR M&E, following its long-term master facility plan, successfully accomplished the renovation and development of one of its main heavy maintenance facilities and managed to move Line Maintenance & Maintenance Control activities to the new state-of-the-art complex in Terminal (3).

### ICT Modernization

EGYPTAIR M&E currently implementing a new MRO IT solution (Platform) to replace its legacy system, as one of EGYPTAIR M&E's Transformational Program milestones. While successfully migrated to new ERP solution to manage financial activities.

