



# Aerospace & Aviation Industry of Brazil

**EMBRY-RIDDLE**  
Aeronautical University

En Yen Justin Chu | Rafael Dubena | Nicolas Gachancipa | Carlos Aguilar | Yoon Sun Byun | Ryan Hickerson | Cristhian Padilla | Paulina De La Torre | Jie Bao

## Introduction

The project is a research trip to Brazil with 9 Embry-Riddle Aeronautical University students during Spring Break 2018. The research trip is organized by Travelers Executive Group, and the trip allows the group to evaluate the success of aviation and aerospace industry in Brazil.



## Methodology

The group visits the following

- **Embraer S.A** for an aircraft manufacturing
- **GOL Airlines** for airline operations
- **GRU Airport** for management and ATC
- **ERAU Alumni Dinner**

Through these company and facilities visits, the group examines what conditions in Brazil allowed aerospace and aviation to thrive in Brazil.



## Results & Findings



- Students visited Embraer's delivery center, **Legacy** business jets final assembly line, and **E-Jet** final assembly line.
- Embraer competes globally in a specific market sector to stay profitable
- Embraer trains their own professionals in Brazil through a program since 2001
- Brazil government holds share and rely on its **export** value and capability
- Greeted by Ph.D. student sponsored by Embraer, and went through company's history and its innovative future plans, including a **VTOL** research



- Students were guided **100% by ERAU Alumni** from each department visited
- Witnessed GOL's busy control center where **60+ flights** between Sao Paulo and Rio de Janeiro are dispatched
- Maintenance department allowed student to study Boeing 737-800 extensively
- GOL Airlines will be flying to Orlando and Miami with their **newest 737 MAX**



## Conclusions

- First hand view of Brazil's aviation and aerospace industry
- Feel and experience the environment
- Interact with Brazil's aviation professionals
- Travel during spring break with an aviation and aerospace theme and focus

## Achievements



- **Travelers Executive Group** has now led more than 50 students on campus to **Boeing** Seattle, WA, **Airbus** Toulouse in France and Mobile, AL, and **Lufthansa Technik** in Frankfurt Germany.
- Promoting **globalization** on campus

## Sponsors

**EMBRY-RIDDLE**  
Aeronautical University  
CENTRAL & SOUTH AMERICA



**EMBRY-RIDDLE**  
Aeronautical University  
DAYTONA BEACH, FLORIDA

**COLLEGE OF AVIATION**  
**COLLEGE OF BUSINESS**  
**OFFICE OF GLOBAL ENGAGEMENT**

