



**STUDYDADDY**

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**B.S. in Aeronautics Commercial/Corporate Concentration**

**Academic Portfolio Review**

**EDUCATION**

**Bachelor of Science in Aeronautics, Commercial Corporate, GPA 4.0**      **Expected 2021**  
*Liberty University, Lynchburg, VA*

**ACADEMIC WORK**

**Professional Resume and Cover Letter**      **Fall 2020**  
*Assignment, Aviation Interview*

**“Winter Flying and Air Florida 90”**      **Fall 2020**  
*Research Paper, Human Factors*

**Air Transportation Analysis Proposal**      **Fall 2020**  
*Assignment, Corporate and Business Aviation*

**“The Pilot Who Did It All”**      **Fall 2020**  
*Research Paper, Aviation Leadership*

**Lesson Plans (5)**      **Fall 2020**  
*Assignment, Flight and Ground Instructor Theory, Liberty University*

**Capstone Video Presentation**      **Summer 2020**  
*Assignment, Airline Operations*

**“The New King of Turboprops”**      **Summer 2020**  
*Research Paper, Airplane Aerodynamics*

**“Struggles of the Concorde”**      **Summer 2020**  
*Research Paper, Turbine Engines and Jet Transports*

**“Era in Aviation: 1970-1979”**      **Spring 2020**  
*Research Paper, Aviation Orientation*

**“Drones’ compliance with LOAC”**      **Spring 2020**  
*Research Paper, Unmanned Aerial Systems*

**“Holes in the Safety Net for Helicopter Air Ambulances”**      **Spring 2020**  
*Research Paper, Aviation Safety*

**“Weather and Pilot Training”**      **Fall 2019**  
*Research Paper, Aviation Weather*

**“Careers as a Corporate Pilot”**      **Fall 2019**  
*Research Paper, Introduction to Computing Sciences*

**AVIATION CERTIFICATIONS**

**CE-500**      **Winter 2021**  
*SIC Type Rating, Mersino Dewatering*

**Commercial Pilot: AMEL**      **Fall 2020**  
*Commercial Flight III, Liberty University*

**Instrument Airplane**      **Summer 2019**  
*Instrument Flight, Midwest Sky Sports*

**Private Pilot Airplane**      **Fall 2018**  
*Private Flight, Midwest Sky Sports*

## UNIVERSITY SERVICE

<b>Contrails Club</b> <i>School of Aeronautics, Liberty University</i> <ul style="list-style-type: none"><li>• Acted as secretary for the club</li><li>• Actively participated in hosting guest speakers</li></ul>	<b>2020-2021</b>
<b>NIFA Flight Team</b> <i>School of Aeronautics, Liberty University</i> <ul style="list-style-type: none"><li>• Attended regular practice and competed in ground events</li></ul>	<b>2020-2021</b>
<b>High Flight Mentoring Program</b> <i>School of Aeronautics, Liberty University</i> <ul style="list-style-type: none"><li>• Encouraged incoming aviation students and acted as a mentor for them</li></ul>	<b>2020-2021</b>
<b>LU Fencing Club</b> <i>Fencing Club, Liberty University</i> <ul style="list-style-type: none"><li>• Led practices as the men's Epee team captain</li></ul>	<b>2019-2020</b>
<b>One Voice, School of Music</b> <i>School of Music, Liberty University</i> <ul style="list-style-type: none"><li>• Event Usher</li></ul>	<b>Spring 2020</b>
<b>Faculty Concert, School of Music</b> <i>School of Music, Liberty University</i> <ul style="list-style-type: none"><li>• Event Usher</li></ul>	<b>Spring 2020</b>
<b>Faculty Concert, School of Music</b> <i>School of Music, Liberty University</i> <ul style="list-style-type: none"><li>• Event Usher</li></ul>	<b>Spring 2020</b>
<b>Homeschool SportsNet Volleyball Tournament, Liberty University</b> <i>HSPN, Liberty University</i> <ul style="list-style-type: none"><li>• Event staff</li></ul>	<b>Fall 2019</b>

## HONORS AND AWARDS

<b>Dean's List</b>	<b>Fall 2020</b>
<b>Dean's List</b>	<b>Summer 2020</b>
<b>Dean's List</b>	<b>Spring 2020</b>
<b>Dean's List</b>	<b>Fall 2019</b>

## PROGRAM LEARNING OUTCOMES

### Bachelor's Degree – Aeronautics

#### 1. Apply biblical principles within the professional aviation environment.

Score-4

This degree program has taught me the importance of living my faith not only in my private life, but even within my profession. It has been stressed how easily a family unit can fall apart when the head of the household is a pilot and is gone for significant lengths of time. This has taught me that I need to be intentional in using the principles I have learned here in the professional environment as well.

#### 2. Apply science, technology, and mathematics to aeronautical disciplines.

Score-3

Participating in events with the NIFA team has taught me much about using math in aviation. Specifically, I have learned how to accurately use a flight computer to quickly solve problems involving density altitude, true airspeed, and wind problems. However, I know that quick math is not my strongest attribute which is why I scored it only at somewhat confident.

**3. Promote a healthy organizational safety culture in aviation.**

Score-5

This concept has been emphasized since the beginning of every aviation class I have been in. Classes in this program have given me the knowledge and resources it takes to understand what makes a safe corporate culture. Safety is such a large concern, and I feel very confident in doing what it takes to help create good safety culture.

**4. Assimilate the healthy lifestyle required to meet the unique physical and cognitive demands of an aviation career.**

Score-4

As a pilot, I understand that the only reason I can fly is because of my medical certificate. If that was ever to be taken away, I could no longer legally fly. This knowledge motivates me to stay healthy and exercise regularly. Throughout my time in this program, I have learned to how take care of myself both physically and mentally.

**5. Apply written and oral communication skills as they pertain to the aviation industry.**

Score-5

Like any industry, aviation requires communication. Pilots are put into especially stressful situations where good communication makes the difference between safety or an accident. I have learned the importance of good communication as well as strategies to improve it. I believe I will be able to use these skills in the industry.

**6. Mentor others in leadership skills and qualities as it relates to aviation.**

Score-3

While I have served as a mentor in the High Flight Mentoring Program, I believe that my skills in mentoring others may be lacking. I am somewhat confident in my ability because I learn new things quickly. I hope that in time, I will improve in my mentorship skills so that I can better meet this learning outcome.

Commercial Corporate Concentration

**1. Apply policies, regulations, and procedures to commercial/corporate flight Operations.**

Score-5

I am very confident in my ability to apply what I learned regarding regulations to everyday flight operations. Throughout previous check rides and tests, I have been required to apply my knowledge to simulated scenarios. I have consistently been able to understand which regulations would apply and then discuss them. Going forward, I believe I will be able to use that knowledge to guide how I address situations in my career.



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