



*Mastering*  
**AVIATION  
WEATHER**

CONFIDENCE THROUGH MASTERY

---

## TO GET THE MOST FROM THIS MASTERCLASS, HERE ARE SOME HELPFUL SUGGESTIONS:

### **SHOW UP LIVE**

You'll get the most from our masterclass by being present and absorbing the clear steps we present. Set aside time in your calendar where you can focus on this experience. Get excited to learn about weather so you can make safe decisions.

### **THINK ABOUT YOUR WHY**

Maybe you had an unpleasant experience flying in or around weather. You want to be sure you return home safely after every flight. You want to keep your friends and family safe. Why do you want to master aviation weather? Jot down your answer below:

### **JOT DOWN YOUR QUESTIONS**

What nagging questions do you have about aviation weather? Are there some products or charts that you don't understand? Maybe some weather theory that just isn't making sense. Write them below:

### **PRINT THIS WORKBOOK**

Keep a copy of the workbook with you during the masterclass to stay engaged and focused. Write down notes on key takeaways that you want to incorporate to your daily flying. [Here](#) is an ink saving version of the workbook.

# MASTERY

**WHAT DOES MASTERY MEAN TO YOU AS A PILOT?**

**THINK ABOUT A FLIGHT YOU CANCELLED. WHAT LED TO THAT DECISION?**

**DO YOU TYPICALLY FEEL CONFIDENT, UNCERTAIN, OR STRESSED WHEN REVIEWING THE WEATHER BEFORE A FLIGHT?**

**HOW DO YOU WANT TO FEEL AFTER REVIEWING WEATHER?**



# BACKGROUND

IN FLIGHT TRAINING, LESSONS ARE OFTEN CANCELLED WITH LITTLE DISCUSSION ABOUT THE WEATHER. WHY IS THAT A PROBLEM?

LYDIA IS AN AEROBATIC HOBBYIST AND ALWAYS WANTS TO IMPROVE. ZACK IS FOCUSED ON CAPABILITY AND SAFETY.

**WHO DO YOU RELATE TO MORE?**

**THERE ARE THREE CHARACTERISTICS THAT SUCCESSFUL PILOTS HAVE IN COMMON. WHICH OF THESE DO YOU FEEL YOU EXHIBIT?**



# WX PROBLEM

**WHAT ARE THE BIG PROBLEMS WEATHER PRESENTS TO PILOTS?**

**1** WEATHER THEORY IS:

**2** PILOTS HAVE

**3** ADVERSE WEATHER CAN

**4** PILOTS DO NOT HAVE

**INSIGHTS AND NOTES...**

# BRIEFING

WHAT PARTS OF THE WEATHER BRIEFING PROCESS DO YOU FEEL THE LEAST COMFORTABLE WITH?

- WEATHER THEORY
- WEATHER PRODUCTS/CHARTS
- EN ROUTE CONDITIONS
- FORECAST TRENDS
- PERSONAL MINIMUMS
- DECISION MAKING

WHAT ARE SOME FAA APPROVED SOURCES OF WEATHER?

WHAT INFORMATION DOES A GOOD WEATHER BRIEFING INCLUDE?

PILOTS SHOULD ALWAYS OBTAIN A \_\_\_\_\_  
BEFORE FLIGHT.

AN ABBREVIATED BRIEFING IS USEFUL TO \_\_\_\_\_.

# HAZARDS

THERE ARE THREE INGREDIENTS REQUIRED FOR A THUNDERSTORM TO FORM:

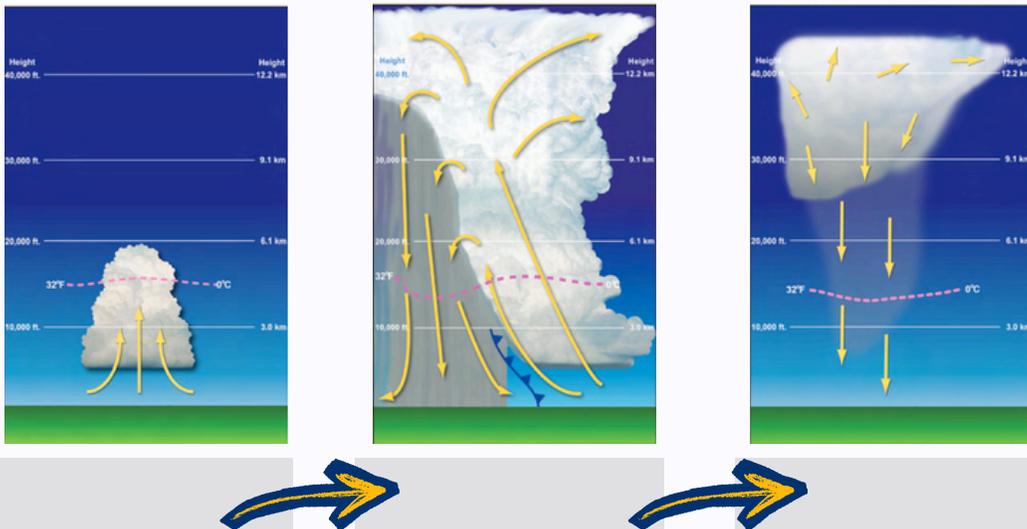


SUFFICIENT \_\_\_\_\_

UNSTABLE \_\_\_\_\_ AND

\_\_\_\_\_ ACTION

A THUNDERSTORM GOES THROUGH THREE STAGES. THEY ARE:



WHAT ARE SOME HAZARDS ASSOCIATED WITH FLYING IN/NEAR A THUNDERSTORM?

\_\_\_\_\_

THE FAA SAYS YOU SHOULD REMAIN \_\_\_\_\_ NM AWAY FROM A THUNDERSTORM.

BECAUSE VERTICAL DEVELOPMENT IS ASSOCIATED WITH STRONGER HAZARDS, CONSIDER MAINTAINING A DISTANCE OF \_\_\_\_\_ FOR EVERY \_\_\_\_\_ OF VERTICAL DEVELOPMENT.

# NEXT STEPS

WHO IS DEPENDING ON YOU TO GET HOME AFTER EVERY FLIGHT?

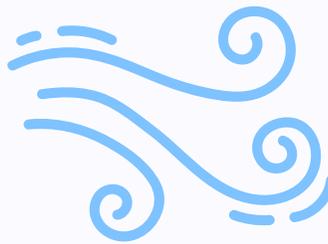
AFTER TODAY'S WEBINAR, ONE THING I WANT TO IMPROVE ABOUT MY WEATHERED KNOWLEDGE/SKILLS/ABILITIES IS:



THEORY



CHARTS



MINIMUMS



DECISIONS

**WEATHER IS ONE OF THE MOST COMMON  
\_\_\_\_\_ IN GENERAL AVIATION  
ACCIDENTS.**

HOW WILL YOU PREVENT THAT FROM HAPPENING TO YOU?

*MASTERY ISN'T ABOUT KNOWING EVERYTHING.  
IT IS ABOUT MAKING CALM, CONFIDENT DECISIONS WHEN IT MATTERS MOST.*