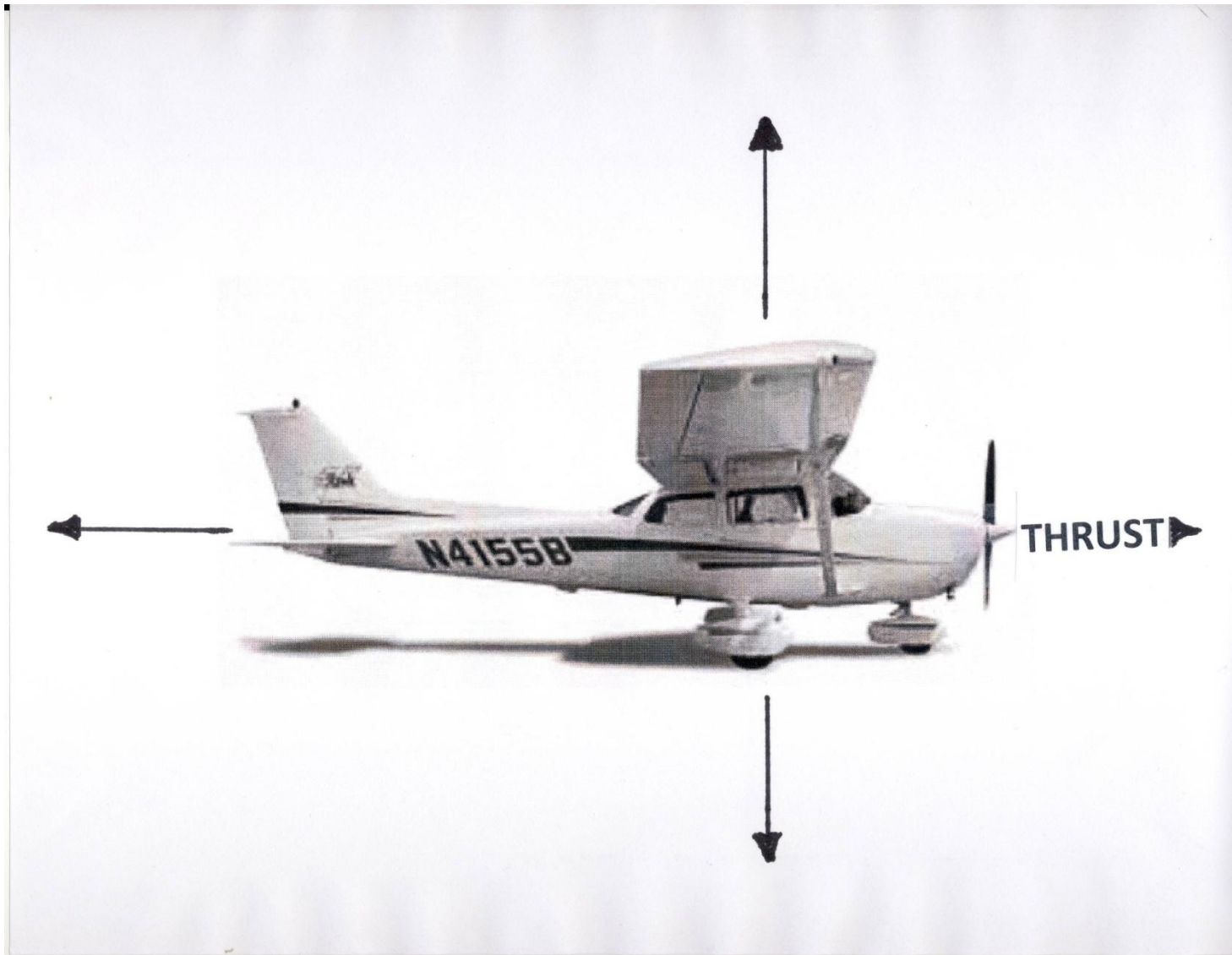


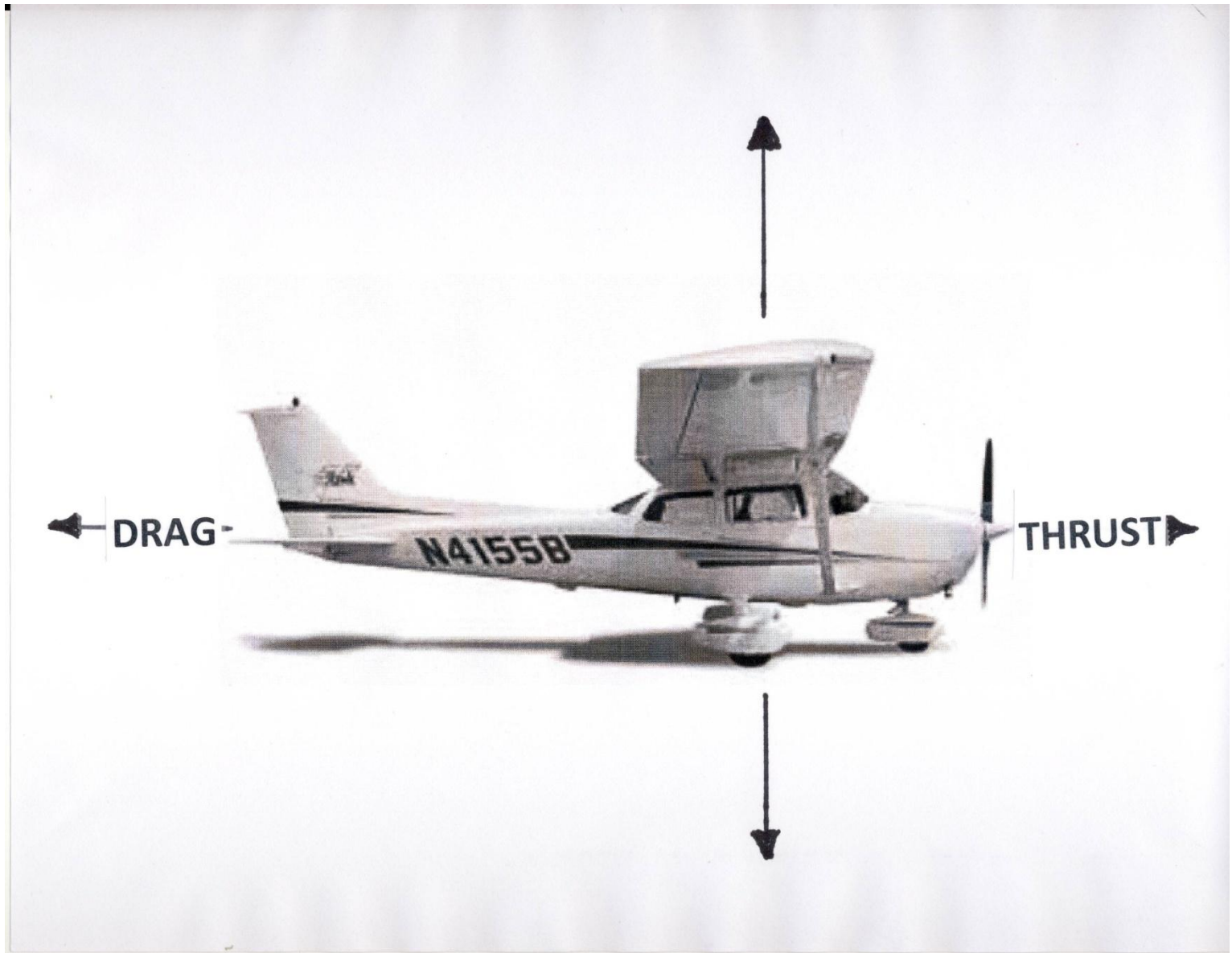
Intro to Principles of Flight

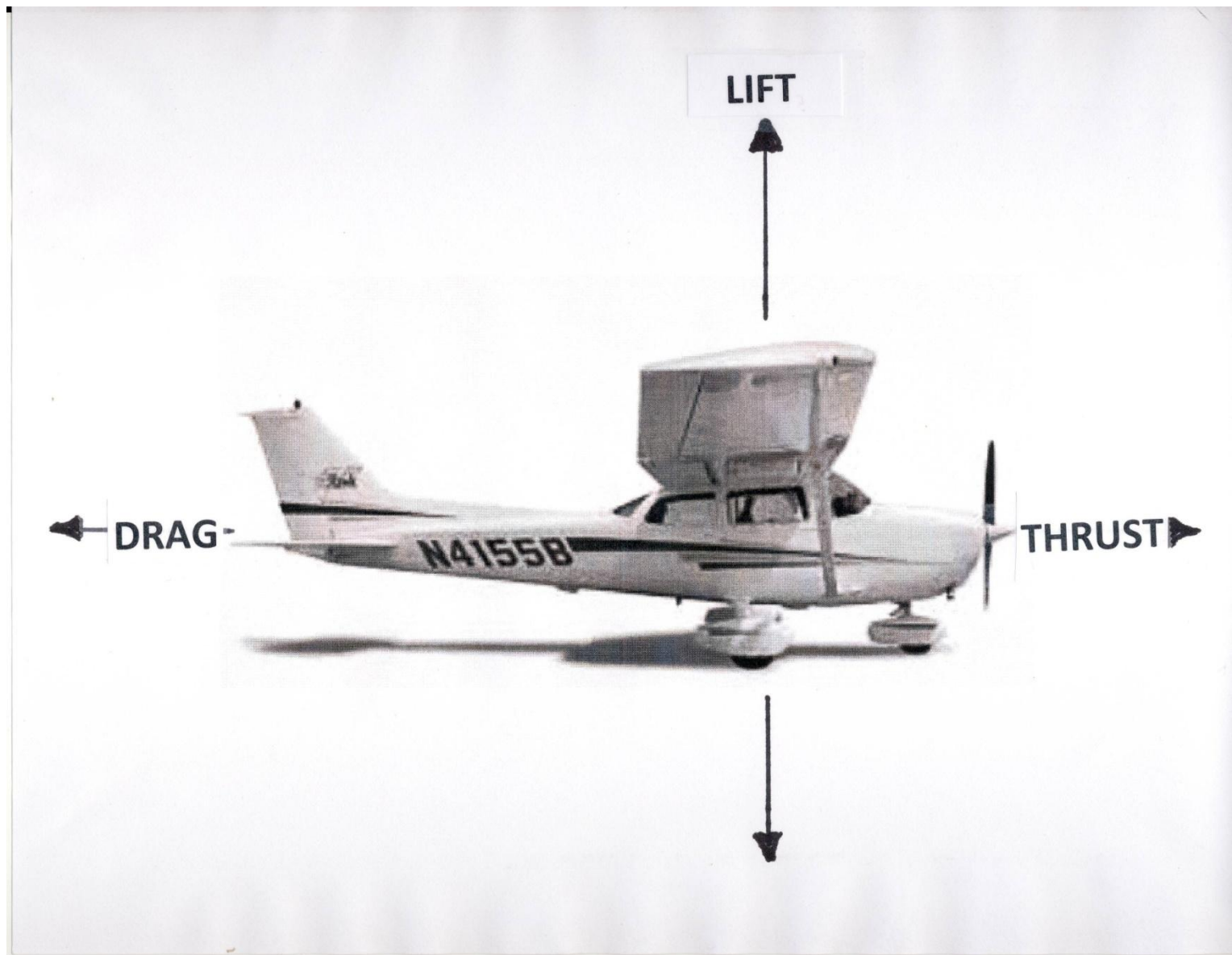
Dick Lewis
HOCC-TAI INC.

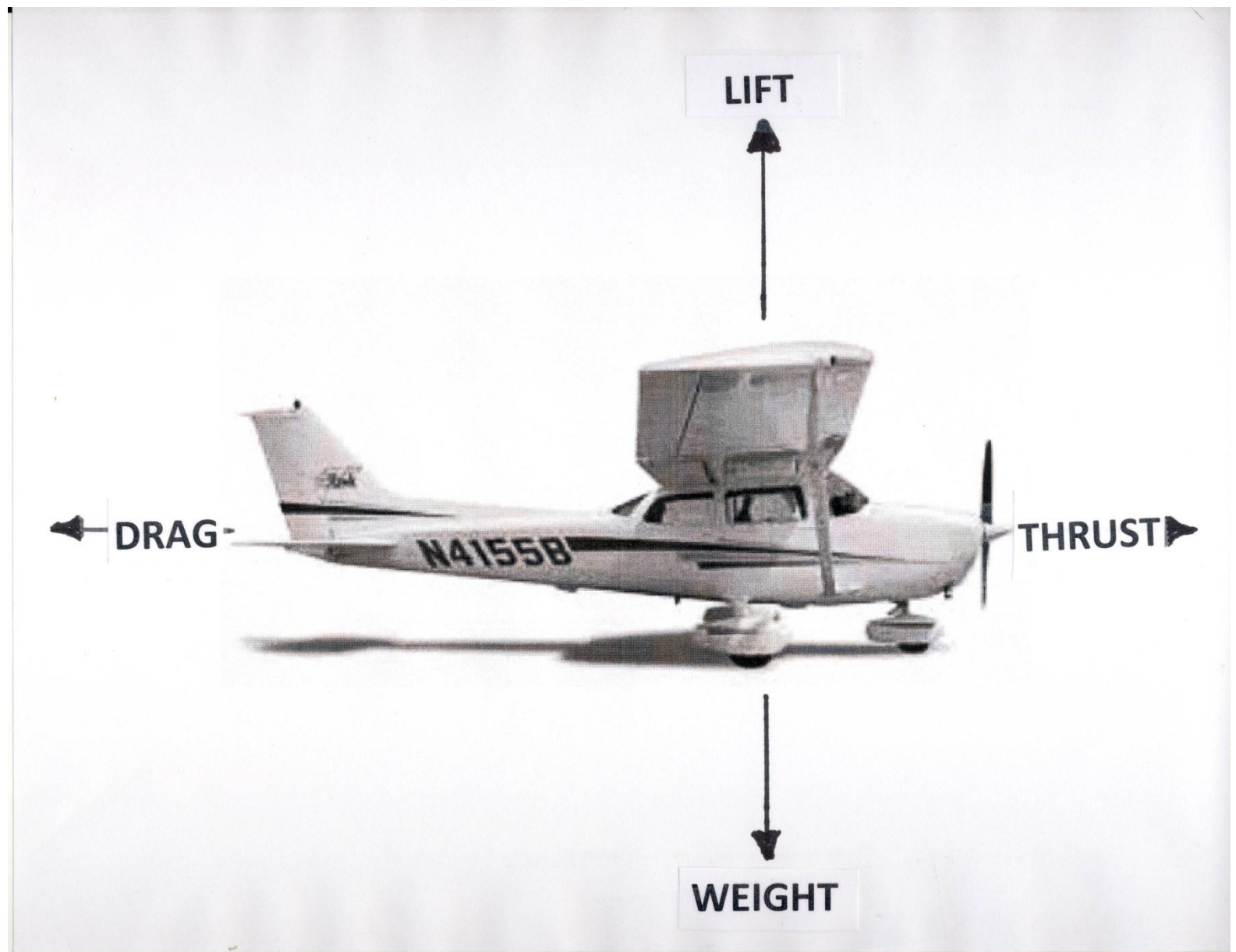
Principles of Flight











Are you ready to Fly a Plane?

- What else do you need?
- Starts with “C”

Control!!

- What are control surfaces?
- Can you name them?

Control Surfaces



Control Surfaces

- Ailerons
- Vertical Stabilizer
- Rudder
- Horizontal Stabilizer
- Elevator
- Flaps

Aircraft Control

- Roll
- Pitch
- Yaw

Are you ready to Fly a Plane?

- How do you move the control surfaces?





Now.....Are you ready to Fly a Plane?

- What else do you need to know?

Gauges



Gauges



Gauges



Gauges



WARNING: ASSURE THAT ALL CONTAMINANTS INCLUDING OILS ARE REMOVED FROM FUEL AND FUEL SYSTEM BEFORE FLIGHT.

AP SELECT CTRL

FUEL LEFT RIGHT

TEMP PRESS

VAC AMP

D.C. ELEC.

TURN COORDINATOR

VACUUM

NAV

GPS

IOAT

N1 N2

NAV

VERTICAL SPEED

100 FEET PER MIN

01010121 HOURS

MAGNETOS

MASTER

FUEL PUMP

LIGHTS

BCN 7

PITOT

AVIONICS

DN PITCH

UP

TO

MASTER

WARNING: ASSURE THAT SEAT IS LOCKED IN POSITION PRIOR TO TAXI, TAKE-OFF AND LANDING. FAILURE TO PROPERLY LATCH SEAT AND NEED ALL SAFETY INSTRUCTIONS CAN RESULT IN INJURY.

FUEL

THROT

MIX

FLAPS

UP

DOWN

FULL

SIMULATION PAUSED - Press P to continue.



THE END

