



## TRAINING CURRICULUM

### **INSTRUMENT RATING**

**STAGE ONE:** Student learns instrument scan, interpretation, aircraft control, and navigation solely by reference to instruments

(Read below listed chapters for flight & ground lessons up through instrument takeoffs, flying the instrument practice patterns, and instrument steep turns)

#### INSTRUMENT FLYING HANDBOOK

#### INSTRUMENT PROCEDURES HANDBOOK

CH. 4 – Aerodynamic Factors

CH. 5 – Flight Instruments

CH. 6 – Attitude Instrument Flying

CH. 7 – Instrument Flight Maneuvers

CH. 3 – Human Factors

(Read below listed chapters for flight & ground lessons up through instrument navigation)

#### INSTRUMENT FLYING HANBOOK

#### INSTRUMENT PROCEDURES HANDBOOK

CH. 9 – Navigation Systems

***STAGE ONE ENDS WITH STUDENT FLYING AND NAVIGATING PROFICIENTLY SOLELY BY INSTRUMENT REFERENCES!!!***

**STAGE TWO:** Student learns to fly IFR flights in the National Airspace System (NAS) using the procedures and services of Air Traffic Control (ATC)

(Read below listed chapters for flight & ground lessons)

INSTRUMENT FLYING HANDBOOK

CH.1 – National Airspace System

CH. 2 – Air Traffic Control System

CH. 10 – IFR Flight

INSTRUMENT PROCEDURES HANDBOOK

CH. 1 – IFR ops in the NAS

CH. 2 – IFR Takeoffs and Departures

CH. 3 – IFR Enroute Ops

CH. 4 – IFR Arrivals

CH. 5 – IFR Approaches

***STAGE TWO ENDS WITH STUDENT PROFICIENT AT USING ATC PROCEDURES AND SERVICES TO FLY IFR IN THE NAS!!!***

**STAGE THREE:** Student learns how to plan, file, obtain a clearance, and fly cross country flights under IFR

(Read below listed chapters for flight & ground lessons)

INSTRUMENT FLYING HANDBOOK

INSTRUMENT PROCEDURES HANDBOOK

CH. 11 – Emergencies

CH. 6 – System Improvement Plans

***STAGE THREE ENDS WITH THE STUDENT  
PROFICIENT AT PLANNING AN IFR FLIGHT, FILING  
AN IFR FLIGHT PLAN, OBTAINING AN IFR  
CLEARANCE, AND CONDUCTING THE IFR CROSS  
COUNTRY FLIGHT; AND THE CHECKRIDE TO EARN  
THE INSTRUMENT RATING!!!***