



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 Departure Procedures

CH. 2 - IFR En Route Operations

CH. 3 - IFR Arrivals

CH. 4 - 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

CH. 11 - Emergencies

APPENDIX A - Clearance Shorthand

INSTRUMENT PROCEDURES HANDBOOK

APPENDIX A - Emergency Procedures

CH. 5 - Improvement Plans

CH. 6 - Airborne Navigation Databases

***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!!!***