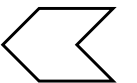


Regulations & Publications

THE BACKSEAT PILOT



Overview

- **What**
 - Overview and introduction to the various FARs governing the issuance of an instrument rating as well as the rules of IFR flight
- **Why**
 - A student must be familiar with the tools and requirements for the instrument pilot

Content

- Part 61 & IFR Pilots
- Part 91 & IFR Pilots
- Instrument Flying Handbook
- AIM
- PTS / ACS
- Chart Supplement
- Charts & Procedures

Part 61 & IFR Pilots

- Instrument Rating Requirements ([FAR 61.65](#))
 - FAR 61.65(a): Instrument Rating Requirements
 - FAR 61.65(b): Aeronautical Knowledge
 - FAR 61.65(c): Flight Proficiency
 - FAR 61.65(d): Aeronautical Experience
 - FAR 61.65(h): Use of Simulators / FTDs
 - FAR 61.65(i): Use of an Aviation Training Device
- Recent Flight Experience
 - [FAR 61.57\(c\)](#): Recent Flight Experience, PIC

Part 61 & IFR Pilots

- Recent Flight Experience: Pilot in Command ([FAR 61.57\(c\)](#))
 - Within the last 6 months, must have performed and logged under actual or simulated conditions:
 - At least 6 instrument approaches
 - Holding procedures
 - Intercepting & tracking courses using navigation systems



Part 91 & IFR Pilots

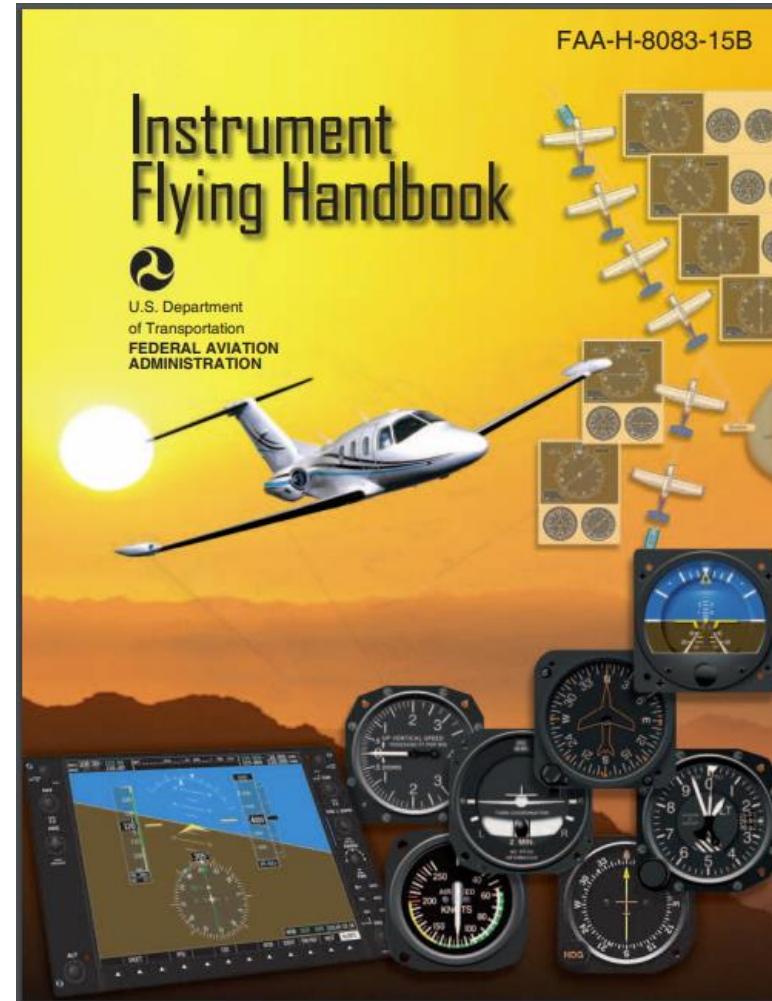
- Can the airplane fly IFR?
 - [FAR 91.205\(d\)](#): Required Instruments and Equipment
 - [FAR 91.411](#): Altimeter / Pitot-Static Tests and Inspections
 - [FAR 91.171](#): VOR Equipment Check
- Preflight
 - [FAR 91.103](#): Preflight Actions
 - [FAR 91.169](#): IFR Alternate Requirements
 - [FAR 91.167](#): Fuel Requirements
- Departure
 - [FAR 91.173](#): ATC Clearance & Flight Plan
 - [FAR 91.175](#): Takeoff and Landing IFR

Part 91 & IFR Pilots

- Enroute
 - [FAR 91.177](#): Minimum Altitudes
 - [FAR 91.179](#): IFR Cruising Altitudes
 - [FAR 91.181](#): Course to be Flown
 - [FAR 91.183](#): IFR Communications
 - [FAR 91.185](#): Communications Failures
 - [FAR 91.187](#): Malfunction Reports
- Approach ([FAR 91.175](#))
 - FAR 91.175(a)(c): Takeoff and Landing IFR
 - FAR 91.175(k): ILS Components
 - FAR 91.175(d): Landing
 - FAR 91.175(e): Missed Approach Procedures
 - FAR 91.175(j): Procedure Turns
- [Part 95](#): IFR Altitudes
- [Part 97](#): Standard Instrument Procedures

Instrument Flying Handbook

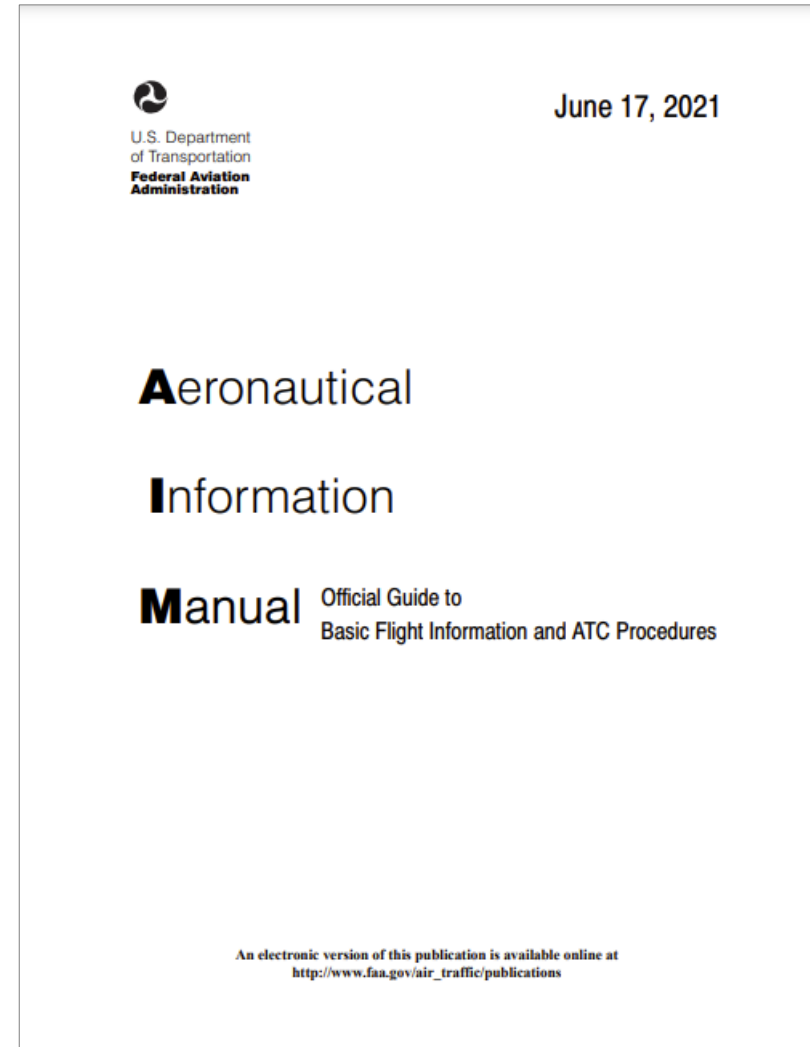
- Aeronautical knowledge and skills to operate in IMC
- Used to prepare for instrument rating tests
- Contents include:
 - Air Traffic Control
 - Instrument Flying Skills
 - Navigation & IFR Flight
 - Emergency Operations



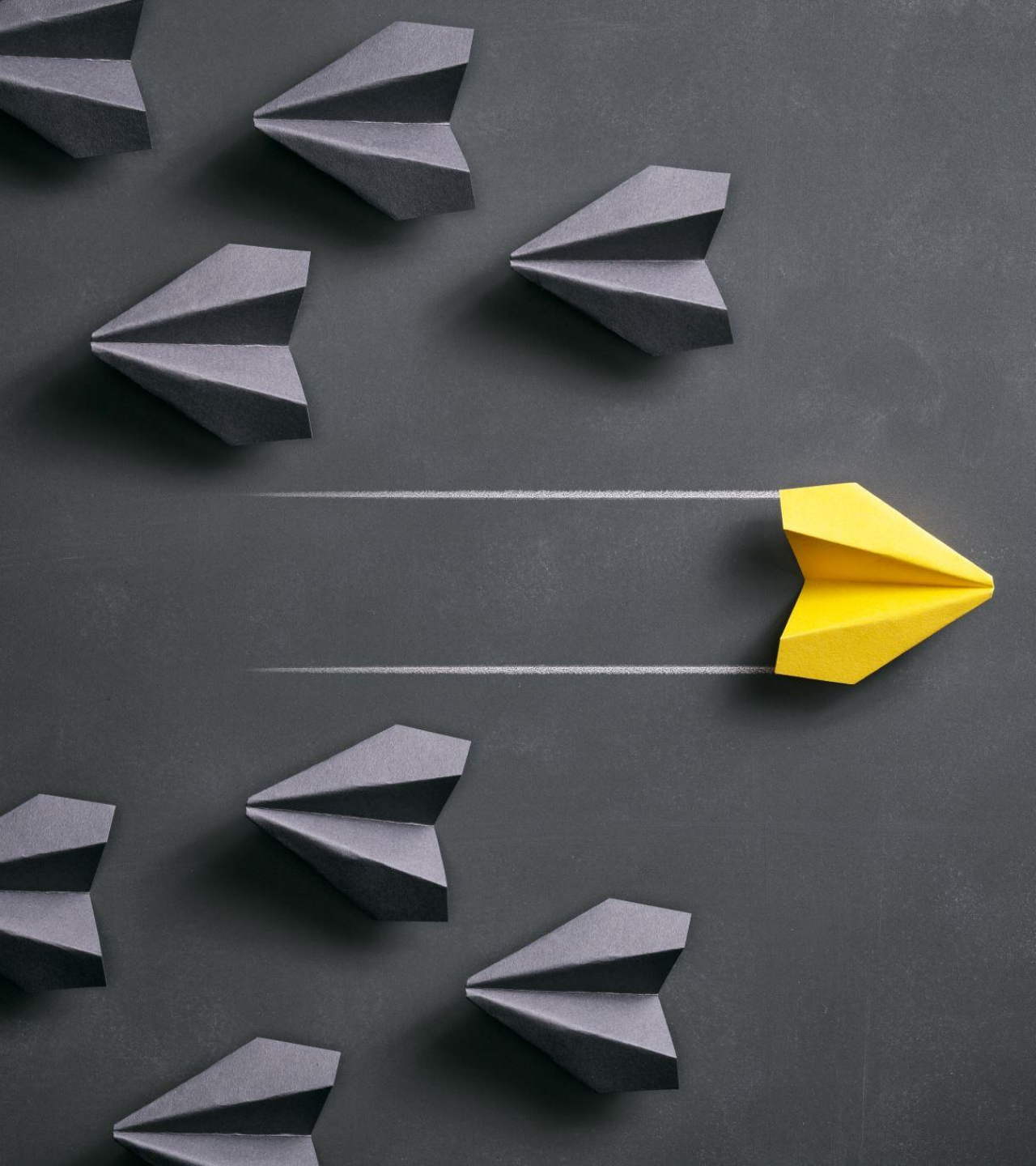
Source: Instrument Flying Handbook, FAA

AIM

- Basic flight information and ATC procedures
 - Navigation
 - Airspace
 - Air Traffic Control
 - Air Traffic Procedures
 - Emergency Procedures
 - Pilot / Controller Glossary



Source: AIM, FAA



PTS / ACS

- List the tasks a pilot must show skill in to obtain a rating
- Current PTS
 - Sport, Recreational, Flight Instructor
- Current ACS
 - Private, Instrument, Commercial, ATP and Type Rating

Chart Supplement

- Pilot's directory
 - Airports, communication data, navigation facilities, procedures, etc.
- 7 geographical districts
- Published by NACO every 8 weeks



Source: faa.gov, FAA

Questions?

