

### Instrument Rating:

#### FAA Requirements:

- 50 hours cross country (over 50nm) as Pilot In Command.
- 15 hours of Instrument Flight Instruction.
- 40 hours simulated or actual Instrument Flight time.
- A 250nm Instrument Flight Rules cross country.

The FAA no longer requires a minimum number of total flight hours, [sale](#) so this rating can be started as soon as the Private Pilot Certificate is achieved.

#### Instrument Certificate Curriculum:

- Initial Indoctrination (Ground School): I - 1
- Required Instruments and Equipment: I - 2
- Cockpit Check: I - 3
- Attitude Indicator: I - 4
- Airspeed Indicator: I - 5
- Heading Indicator: I - 6
- Sensitive Altimeter: I - 7
- Turn Needle and Coordination Ball: I - 8
- Vertical Speed Indicator: I - 9
- Attitude Control (Pitch, Power, Bank and Trim): I - 10
- Straight and Level Flight, Full Panel: I - 11
- Climbs and Descents, Full Panel: I - 12
- Climbing and Descending Turns, Full Panel: I - 13
- Turns to Headings: I - 14
- Compass Turns to Headings: I - 15
- Steep Turns: I - 16
- Timed Turns: I - 17
- Instrument Takeoff: I - 18
- Rate Climbs and Descents: I - 19
- Airspeed Changes in Straight and Level Flight: I - 20
- Airspeed Changes in Turns: I - 21
- Stalls, Full Panel: I - 22
- Recovery from Unusual Attitudes, Full Panel: I - 23
- Straight and Level Flight, Partial Panel: I - 24

- Climbing and Descending Turns, Partial Panel: I - 25
- Recovery from Unusual Attitudes, Partial Panel: I - 26
- Maneuvering at Approach Speed: I - 27
- VOR Approach: I - 28
- Radio Communications: I - 29
- VOR Approach: I - 30
- ADF Tracking and Homing: I - 31
- ADF Approach: I - 32
- ILS Front Course Approach: I - 33
- Localizer, Back Course Approach: I - 34
- Radar Approach: I - 35
- "No Gyro" Approach: I - 36
- Missed Approach: I - 37
- Holding Patterns: I - 38
- Instrument Flight Planning (Ground School): I - 39
- Preparing IFR Flight Plans (Ground School): I - 40
- En Route Emergencies: I - 41
- ATC Filed Cross Country on Federal Airways: I - 42
- Oral Examination for Flight Test (Ground School): I - 43