



Instrument Pilot Ground School Nightly Lessons and Required Pre-Study

(Required Pre-Study from Sporty's Instrument Rating Course and Syllabus Lesson Notes)

Night 1

1. Lesson 1 - FLIGHT INSTRUMENTS (page 2)
 - a. Vol 1: Segments 1-5
2. Lesson 2 - BASIC ATTITUDE INSTRUMENT FLYING (page 3)
 - a. Vol 1: Segments 2-7
3. Lesson 6 - MAGNETIC COMPASS (Page 7)
 - a. Vol 1: Segment 10
 - b. Lesson Note No. 6

Night 2

1. Lesson 9 - NDB FUNDAMENTALS (page 10)
 - a. No Required Pre-Study
2. Lesson 10 - VOR FUNDAMENTALS (page 11)
 - a. Lesson Note No. 10
3. Lesson 14 - GPS / AUTOPILOT PRINCIPLES (page 15)
 - a. Vol 3: Segments 18

Night 3

1. Lesson 17 - FAR/AIM (page 18)
 - a. Vol 7: Segments 6-8
 - b. Vol 7: Segments 1-14
2. Lesson 20 - HOLDING & IFR (page 23)
 - a. Vol 3: Segment 13

Night 4

1. Lesson 22 - TERMINAL PROCEDURES (page 25)
 - a. Vol 2: Segment 5
2. Lesson 23 - INSTRUMENT APPROACHES (page 26)
 - a. Vol 3: Segments 1, 2, 6, 8, 16
3. Lesson 25 - ATC SYSTEM (page 28)
 - a. Vol 2: Segments 1-4, 6-12

Night 5

1. Lesson 27 - PILOT / CONTROLLER RESPONSIBILITIES (page 30)
 - a. Vol 2: Segments 1-13
 - b. Vol 3: Segments 7-8
2. Lesson 28 - INSTRUMENT LANDING SYSTEM (page 31)
 - a. Vol 3: Segments 1-5
3. Lesson 31 - AUTOPILOT APPROACHES & DME (page 34)
 - a. Vol 6: Segment 36

Night 6

1. Lesson 34 - ICING (page 37)
 - a. Vol 5: Segments 1-4
2. Lesson 35 - THUNDERSTORMS (page 38)
 - a. Vol 5: Segments 5-8
3. Lesson 37 - FORECASTS & REPORTS (Page 40)
 - a. Vol 4: Segments 3, 4, 5
 - b. Vol 5: Segments 9-13
4. Lesson 40 - CHART REVIEW & EN ROUTE PROCEDURES (Page 45)
 - a. Vol 4: Segments 1-2

Night 7

1. CRM AND ADM
 - a. No required pre-study
2. Lesson 41 - IFR CROSS-COUNTRY PLANNING (page 46)
 - a. Vol 4: Segments 6-13
3. Lesson 46 - END OF STAGE REVIEW (page 51)
 - a. Vol 7: Segment 1-6
4. TRICKS TO HELP WITH SINGLE PILOT IFR
 - a. No required pre-study