

GND 5: Nav Systems & Procedures

TIME: 2.0 hours

INSTRUCTOR REFERENCES

- CFII Lesson Plans
 - II.A. Flight Instruments & Navigation Systems
 - III.C. Instrument Cockpit Check
 - VII.A. Intercepting & Tracking Navigational Systems & DME Arcs
- POH

LEARNER REFERENCES

- [Instrument Flying Handbook](#)
 - Ch. 9: Navigation Systems
- [Instrument Procedures Handbook](#)
 - Ch. 6: Airborne Navigation Databases
- [AIM](#)
 - [Ch. 1: Air Navigation](#)
- Instrument ACS Review
 - II.B. Flight Instruments & Navigation Equip
 - K2: Navigation Instruments
 - RM 1-4
- POH

OVERVIEW

An overview of the different types of navigation systems and their pre-flight procedures.

NOTES

-Tied (∞) to FLT 7: VOR Navigation

-Can skip navigation equipment that is not applicable to the aircraft/learner

PLAN OF ACTION

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| <ol style="list-style-type: none">1. Navigation Systems & Procedures (II.A.2)<ol style="list-style-type: none">A. VORB. DMEC. ILSD. ADFE. GPS | <ol style="list-style-type: none">2. Intercepting & Tracking Nav Systems & Arcs<ol style="list-style-type: none">A. Tracking with the VORB. VOR TipsC. Intercepting & Maintaining a CourseD. Intercepting & Maintaining a DME Arc3. Navigation Systems Preflight (III.C.2.)<ol style="list-style-type: none">A. Navigation Equipment |
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OBJECTIVE / COMPLETION STANDARDS

The learner gains an understanding of the different types of navigation equipment in their aircraft, the equipment's operation, VOR navigation concepts, and the associated preflight procedures.