

Publications and Training Solutions

Course Syllabus: 523-0808755

COURSE TITLE: Pro Line II – Electronic Horizontal Situation Indicator (EHSI)
Flight Line Maintenance (Level I)

PREREQUISITES:

Students should have a basic knowledge of aircraft avionics systems and a working command of the English language. Students should be familiar with MS Windows® based Operating Systems.

PURPOSE:

This course provides line maintenance personnel with the training to operate and perform flight line maintenance for the Pro Line II Electronic Horizontal Situation Indicator (EHSI).

OBJECTIVES: Upon completing this course, the student should be able to:

1. Confirm normal operation of the HSI Control Panel (HCP-74) when changing displayed information.
2. Navigate using heading information.
3. Change the navigational information displayed.
4. Identify system diagnostic tests and troubleshooting procedures for the EHSI-74 system.

COURSE LENGTH: 1 Hour 20 Minutes

REFERENCES:

1. EHSI-74/74A/74B Electronic HSI System Instruction Book 523-0772693

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COURSE OUTLINE

0. Welcome & Introductions

- A. Objectives

1. Operation

- A. Introduction
- B. Display Formats
- C. Operating the Heading Bug
- D. Displayed Navigational Information

2. Diagnostics and Troubleshooting

- A. Introduction
- B. Diagnostics
- C. Troubleshooting

3. Summary

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EQUIPMENT TYPE:

EQUIPMENT	NOMENCLATURE	PART NUMBER
Electronic Flight Display	EFD-74	622-6197-001 / 002
HSI Control Panel	HCP-74	622-6200-001 / 002 /003 /004
HSI Control Panel	HCP-74A	622-8793-001 / 002 / 003 / 004
HSI Control Panel	HCP-74B	622-9222-001 / 002 / 003 / 004
HSI Processing Unit	HPU-74	622-6198-001 / 002 / 003 / 012 / 013 / 014 / 102 / 103 / 112 / 113 / 114
HSI Processing Unit	HPU-74A	622-6199-001 / 002
HSI Processing Unit	HPU-74B	622-9221-001 / 002 / 011 / 012