SERVICE ADVISORY

NO.: 0701

TO: All Garmin Aviation Service Centers & All G1000 Operators/Owners
DATE: 9 January 2007

SUBJECT: Multiple Initial Approach Fixes in the Transition List

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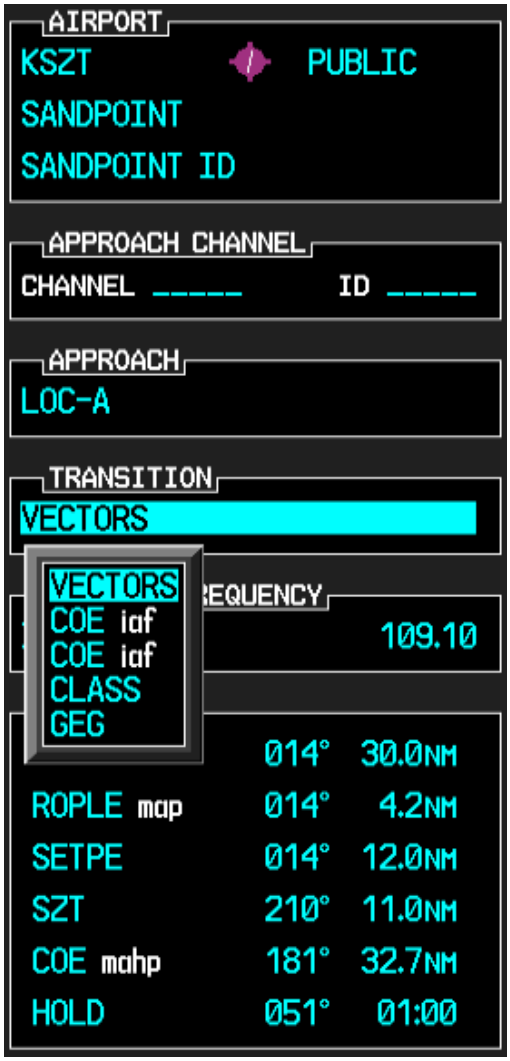
PURPOSE

The G1000 system provides a list of available transitions when loading an instrument procedure to a flight plan. The transition list contains a choice of vectors, published transitions, and initial approach fixes (IAF).

In rare cases, the list contains two IAFs with the same identifier. This may occur when two transitions with dissimilar altitudes share a common IAF, but may also result from two transitions which result in different paths taken at the same IAF. The latter case can be caused by different holding pattern entries or other instances where two transitions contain the same IAF waypoint but have subsequently different paths.

Below is an example of a procedure which contains multiple choices for the same initial approach fix (COE).



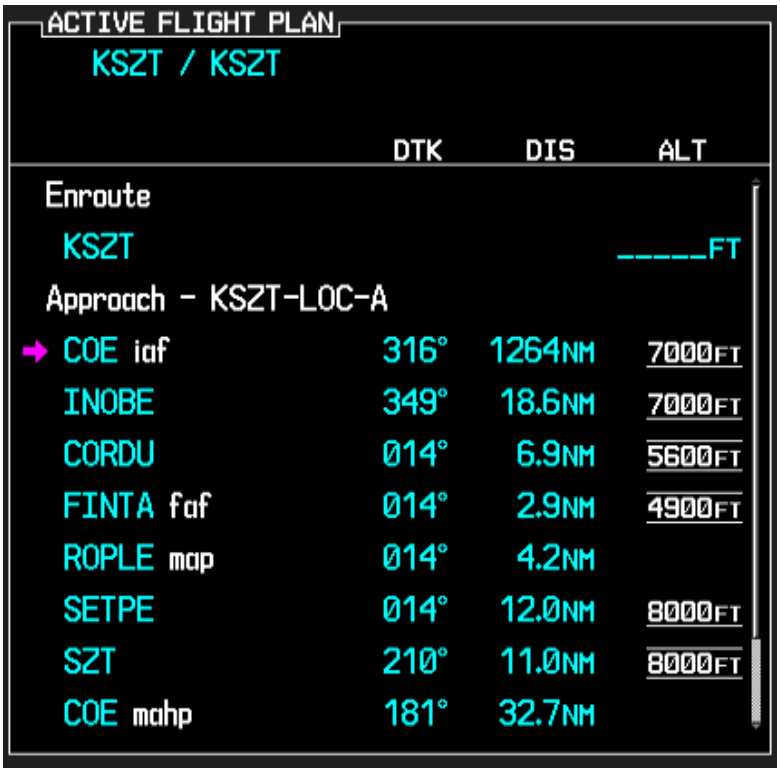
When choosing the transition to a procedure which lists multiple occurrences of the same IAF, the pilot has the following options:

1. Choose Vectors (to final) and the multiple IAFs are of no concern.
2. Choose one of the published transitions (e.g. CLASS or GEG in this example) and the correct IAF is automatically selected. If there is ever a question regarding which listed IAF should be selected, choose one of the published transition(s). Optionally, you may load the published transition, then delete unwanted waypoints in front of the IAF.
3. Choose either of the displayed IAFs. Lateral guidance to the IAF is the same in either case.

   For GDU Software Version 7.00 and later (see following page), the transition altitude is loaded and displayed in the flight plan for those IAFs with altitude information. The displayed altitude information can either be ignored, edited in the flight plan, or used to confirm that the correct IAF has been selected.

NOTE

In all cases, the official instrument approach procedures and air traffic control instructions should be used to determine aircraft altitude used in all phases of the approach.



Example V7.00 and later flight plan showing reference altitude for COE iaf.

DISPOSITION

It is important to be aware of and understand the issue and the guidance provided in this service advisory when/if this condition presents itself during the process of loading an approach procedure into the flight plan.

APPROVAL

Information contained in the advisory does not affect the airworthiness of the G1000.

AFMS AND PILOT'S GUIDE CONSIDERATIONS

N/A

PRODUCT AFFECTED

All G1000 GDU Software Versions 8.00 and earlier