

WX Systems  
Mr. S. Stucki  
PO Box 2652  
3601 Thun

skyguide  
swiss air navigation services ltd  
route de pré-bois 15-17  
p. o. box 796  
ch-1215 geneva 15

phone +41 22 417 41 11  
fax +41 22 417 45 09  
info@skyguide.ch  
www.skyguide.ch

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040817 WX-Recommendation.doc  
tel n° +41 (0)22 417 44 27  
fax n° +41 (0)22 417 45 02  
e-mail thomas.buchanan@skyguide.ch

subject **WX System recommendation**

Dear Sir,

As a long standing customer to Wavionix and with a total of 6 licenses, skyguide is one of the numerous WX Systems' customers.

skyguide designs instrument flight procedures in a very challenging environment, where political constraints are often as difficult to manage as the topographical specificities of mountainous terrain. The skyguide IFP office is responsible for the creation and the maintenance of over 200 instrument flight procedures within Switzerland, comprising both normal and mountainous terrain places.

The major advantage with WX is that the tool is open and needs interaction from the designer. Quite often, other tools are built up on a "click-and-drag" principle, not allowing using PANS-OPS to its full limits.

For easy design applications, such as VOR or NDB Splays, the design time is reduced by a factor of 3 to 4. Complex designs, such as ILS or Holdings, are at least 10 times faster as manual design. The tool will generate templates, but still requires some user interaction for the shift around the fix tolerances.

skyguide believes that the interaction is an important part in the design of a procedure. Often our procedures are pushing the 8168 criteria and in some cases, our regulator allows us to go beyond the published criteria. This is particularly true for some steep approaches.

Data management is another aspect of the tool that is very useful. It is possible to store and retrieve data to external formats. This allows passing information from one programme to another with a minimum of user interaction and without manual retyping of data. The tool comes

with a full set of various national parameters, that allow designing in ACAD with an X, Y, Z coordinate system and to convert to WGS84 type information for the publications.

Another important factor is the customer-provider relationship. WX puts a lot of weight in a straight forward contact scheme with their customers. In case of problems, be it with the tool or with understanding the criteria, a submitted question will be answered in a very rapid and efficient manner. Customer's suggestions to improve the tool are taken into consideration and included in new releases. To avoid having to wait all too long, WX sends out patches or routines to implement required new functions between upgrades.

All in all, skyguide is a very satisfied customer and intends to remain one of the WX customers.

Best regards

skyguide  
Planning and Development Operations,  
Head of Support

A handwritten signature in blue ink, appearing to read 'T. Buchanan', with a long horizontal flourish extending to the right.

Thomas Buchanan