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### **WinAir the Key to Managing AW139 and Other Complex Aircraft**

London, Ontario, Canada – February 2012 – WinAirWeb Version 6 uniquely provides AW139 and other complex aircraft operators with an essential tool to overcome the significant challenges involved in safely and accurately tracking maintenance and compliance of their aircraft.

Complex aircraft such as the popular AW139 can present significant challenges in terms of the safe and accurate tracking of component retirement lives. This is true for an increasing number of newer helicopter types as airframe and engine manufacturers work to maximize the useful life of components. Although the maintenance tasks for these types of aircraft are well defined, there are a number of challenges such as not having check sheets in the manuals to simplify check performance, numerous different intervals imposed on tasks, many different formulas required to accurately calculate the hours, cycles, or landings on the components, as well as many complex penalty factors that need to be considered and incorporated in addition to the routine scheduled tasks, etc. As well, these aircraft typically have several other types of tasks that must be scheduled that may have intervals or tolerances that don't match the normal check schedule. These tasks include mandatory inspections, certification maintenance requirements, servicing, and out of phase maintenance. Tracking of all of these specific items can prove to be a significant challenge for those who wish to keep the appropriate level of detail without an unnecessary level of complexity.

WinAirWeb Version 6 is uniquely capable of accurately tracking any of these types of operations while making check packaging and penalty factors simple, efficient, and safe. With WinAirWeb, it is possible to calculate accurate component "Time Since New" (TSN) and "Time Remaining" on a daily basis. Times are calculated automatically using the complex formulas imposed by the manufacturer and accumulate on all affected components. That TSN is then carried with the component as it is removed from one aircraft and installed on another. The architecture of WinAirWeb allows for any number of log inputs to be defined and accumulated. These log inputs can then be used to define formulas to calculate hours, cycles, etc. The operator can even choose to separately track both regular flight hours and penalty hours on any components if they wish. Using WinAirWeb greatly simplifies the process of effectively tracking complex aircraft such as the AW139 and is a must-have for these types of operators.

AV-BASE Systems Inc. is headquartered in London, Ontario, Canada. AV-BASE develops and supports a series of aviation inventory and maintenance software products known as the WinAir Series. WinAir is widely recognized as the most structurally integrated and affordable system for handling aviation maintenance and inventory control. More information about AV-BASE Systems Inc. can be found at [www.av-basesystems.com](http://www.av-basesystems.com)