

Installation of Wireless Local Area Network using IEEE 802.11 Protocols

Comment Table

Company or Group	Page and Paragraph	Comment	Rationale	Recommendation	Disposition
Garmin	Pg. 1, Par. 1	Clarify this policy is intended to apply to WiFi systems installed for cabin use.	Ensure the reader is aware that the policy is only intended to cover systems for cabin use.	Update first sentence to “...(WLAN), installed for cabin use , using...”	Acknowledged – no change. Cabin use is stated in the second sentence, which says “..the policy is to clarify the guidance regarding <u>cabin</u> WLAN...”. The intent is clear, assuming the reader continues to read the next sentence.
Garmin	Pg. 2, Par. 3	Consider emerging standards such as IEEE 802.11ab and whether or not that would affect the analysis	IEEE 802.11ab is the next version of WiFi likely to be approved, so devices and cabin equipment may soon support it.	Consider the frequency and modulation described in the draft IEEE 802.11ab standard and determine if any description should be modified here.	Not Adopted. Having emerging standards for future, or advanced technology is encouraging. However, policy is intended for existing practice and implementation. If the draft standards IEEE 802.11ab will become the de facto standards used by WiFi products, the policy may be revised to reflect its use in installation.
Garmin	Pg. 2, Par. 4, first bullet	Grammar	Editorial	Update sentence to “... whose failure conditions are classified ...”	Adopted Text is revised per recommendation.

Installation of Wireless Local Area Network using IEEE 802.11 Protocols

Company or Group	Page and Paragraph	Comment	Rationale	Recommendation	Disposition
Garmin	Pg. 4, figure 1	The figure is difficult to read.	Editorial.	Redraft the figure using larger text.	Adopted Text is revised from 8 point type to 10 point type per recommendation and illustration has been enlarged.
Garmin	Pg. 5, figure 1	The figure is difficult to read.	Editorial.	Redraft the figure using larger text.	Adopted Text is revised from 8 point type to 10 point type per recommendation and illustration has been enlarged.
Garmin	Pg. 5, figure 1	The figure on this page is mis-numbered.	Editorial.	Correct the figure numbering.	Adopted. The figure numbering has been corrected.
Garmin Cont.)	Pg 6. Par 2	<p>The requirement for an AFM/AFMS limitation seems inappropriate for this type of installation. There would be no required activities that could possibly be performed using WiFi systems installed for cabin use. There would no emergency or abnormal procedures required.</p> <p>Requiring an AFM/AFMS limitation would mean that STC or field approval would require a supplement that did nothing more than state the</p>	Additional burden created by unnecessarily requiring generation of an AFM/AFMS change.	Revise this section to say an AFMS is not required unless the system as installed affects limitation, abnormal or emergency procedures.	Adopted. The Airplane Flight Manual (AFM) Limitation section is revised to “The limitation section of the AFM, if required, should include...”

Installation of Wireless Local Area Network using IEEE 802.11 Protocols

Company or Group	Page and Paragraph	Comment	Rationale	Recommendation	Disposition
Garmin	Pg 6. Par 2	<p>intended function of the WiFi system.</p> <p>Additionally it would be hard to put boundaries on the WiFi system function such as those suggested in the policy as there may be many uses of the system to download charts, file a flight plan, send emails, etc.</p>			
Garmin	Pg. 7, Par. 1	Clarify this policy is intended to apply to WiFi systems installed for cabin use.	Ensure the reader is aware that the policy is only intended to cover systems for cabin use.	Reword the conclusion: "...WLAN equipment installation installed for cabin use that..."	Adopted. Text is revised to "...regarding WLAN equipment installation for cabin use that..."