

SIL Number:	606-00190-002		
To:	Users of Avidyne SkyTrax200 PN 700-00190-100		
Subject:	Skytrax200 Traffic Depiction Anomaly		
Purpose:	This Service Information Letter (SIL) advises users of Skytrax200 with the 1090MHz receiver enabled that a traffic depiction anomaly exists.		
Revision:	00	Date:	09/08/2021

Effectivity:

Avidyne SkyTrax200 PN 700-00190-100 with software PN 510-00350-000 Rev00 installed.

Issue Description

A software bug has been identified in SW PN 510-00350-000 Rev00 with the 1090MHz receiver enabled that under some conditions results in a false target being shown with a bearing of zero degrees (directly ahead of the host aircraft). The altitude separation of the false target(s) is dependent upon the display interface being used. If the interface between the Skytrax200 and the display is via ARINC429 the false target will be shown as having zero feet of altitude separation. If the interface between the Skytrax200 and the display is via legacy RS-232 the false target will be shown as having zero feet of altitude separation. If the interface between the Skytrax200 and the display is using Capstone the pressure altitude of the false target will be zero feet i.e., the separation will depend on the own-ship altitude. **Be advised that the false targets generated by this bug will always have a priority of “Other Traffic” (OT) which is the lowest possible display priority for traffic.**

Solution:

In all cases, basic airmanship should be exercised, and fundamentals utilized such as Maintain Aircraft Control, Analyze the Situation, See and Avoid and Take Proper Action. Avidyne will be releasing a revision to SW PN 510-00350-000 Rev00 soon that will correct this bug. Until the software revision is released the false targets can be eliminated by disabling the 1090MHz receiver in system configuration. If the 1090MHz receiver is left enabled, then the pilot should be made aware that any Traffic Alert (TA) is NOT associated with a false target and should be treated with appropriate urgency. A TA is typically displayed as a yellow symbol.

Accomplishment Instructions:

Not Applicable.

Warranty Information:

Not Applicable.

Contact Information:

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