

SIL 3400-02 Service Information Letter

Date: 09/01/2004
Regarding: ST3400 Baro Rate configuration

Reason

There are two selections for digital “Baro Rate” in the ST3400 Airdata maintenance page: “TYPE A” and “TYPE B”. The installation manual incorrectly calls out “TYPE A” for most Honeywell and Collins airdata computers when it should call out “TYPE B”.

Applicability

Applies to installations with Honeywell or Collins ADC’s using digital signaling, such as ADC-80, AM250, AZ252, etc

Note: This information does not apply to airdata computers using analog signaling, such as AZ-241.

Description

The ST3400 will meet TSO requirements used with these airdata computers when set to “TYPE A”, meaning that no corrective action is required for compliance with the rules. However, the ST3400 could be prone to nuisance GPWS mode-1 alerts at high descent rates or exhibit unusual sensitivity to FLTA alerts when close to terrain limits during enroute flying.

It is recommended that any aircraft with these airdata computers now set to “TYPE A” be changed to “TYPE B” at any convenient maintenance interval.

Compliance

Recommended

Warranty

None

Approval

This modification does not affect the original approval.

Manpower

10 minutes.

SANDEL®

Identification

None

Testing

Verify Baro Rate label is being received before/after change in selection from “TYPE A” to “TYPE B”.

Documentation

This information has been corrected in installation manual 82002-IM starting with Revision J1 on drawing page 17.

END

Thank you,
Sandel Avionics

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