

Information Bulletin

I.B. No: 016

Aircraft Type: T67M260

Title: BENDIX KING COMM/GPS KLX135/KLX135A LEAP YEAR ANOMOLY

APPLICABILITY:

Aircraft Construction Nos 2234 and 2235

Allied Signal Service memo attached to this Information Bulletin, draws attention to a Leap Year anomaly in KLX135 GPS/COMM and KLX135A GPS/COMM.

The Service Memo gives the software mod levels of affected equipment. The software mod level is carried on a plate at the rear of the unit.

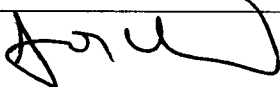
The software mod level should be checked and if the unit is going to be affected by the leap year anomaly on 1st February 2000 and subsequent leap years, the GPS function of the unit should not be used on those days. Normal operation will automatically be restored on 2nd February and the VHF COMM function of the unit will not be affected.

Alternatively, the software can be updated by Allied Signal but the unit must first be returned to Kansas, USA for a new receiver PCB to be fitted. The cost of this update will be approximately \$1000 (US).

Neither the KLX135 nor the KLX135A will be affected by the Year 2000 (Y2K) or GPS rollover day in August 1999.

ISSUED

26 JAN 1999

Approved by: 	Date: 25 Jan 99	Issue 1
For and on behalf of SLINGSBY AVIATION LIMITED		
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Service Memo

SERVICE MEMO NO: 359

SUBJECT: Leap year date anomaly *Jan 32*

Units Affected: KLX 135 GPS/Comm Transceivers with software mod level 01/02, and KLX 135A GPS/Comm Transceivers with software mod level 03/01.

(KLX 135 units with software mod level 01/03 and KLX 135A units with software mod level 03/02 are not affected by this anomaly.)

Description: Upon acquiring satellites on February 1 of any leap year (including the year 2000), the unit will display *System Error - Error Code 009*, and WILL BE INOPERATIVE FOR THAT DAY. This is due to an incorrect leap year calculation in the GPS receiver software that computes the date as January 32.

Resolution: This anomaly will correct itself, and the unit will operate normally on February 2.

KLX 135 or KLX 135A units can be upgraded to the newer software mod levels mentioned above, which are not affected by the anomaly.

For more information, please contact the AlliedSignal Customer Service Department, telephone number 913-782-0600, fax number 913-712-1306.