

SUBJECT: MB 500-76-001 FADEC Software Upgrade  
Aircraft: Eclipse 500 and Eclipse 550  
Effectivity: 500-000001 – 500-000038, Post SB 500-99-001 and  
500-000039 – 500-000262, 550-0263 – 550-0265,  
500-000266, 500-000267, 550-0268 – 550-0284  
Applicability: All ETT Equipped Aircraft

## 1. SUMMARY

This SIL provides guidance regarding Modification Bulletin MB 500-76-001

## 2. BACKGROUND

Eclipse engineering has released MB 500-76-001. This MB installs FADEC software 4.06.

## 3. ECLIPSE ACTION

ECLIPSE is providing this SIL to provide information about this software upgrade and the effect it will have on ordering Avio Processing Center (APC) spares.

## 4. SUGGESTED OPERATOR ACTION

MB 500-76-001 is a modification bulletin for Aircraft Serial Numbers: 000001-000038, Post SB 500-99-001 and 000039-000300.

FADEC software version 4.06 includes several changes including improved thrust lever angle (TLA) fault accommodation and an updated thrust lever position threshold.

Owner/operators should be aware that **FADEC software 4.06 cannot be intermixed with previous FADEC software versions.** If a replacement APC is needed the aircraft's compliance status for MB 500-76-001 must be confirmed. This information should be communicated with Eclipse customer service when ordering the APC so the replacement unit is properly configured before shipping.

⇒ **NOTE: SILs are not Service Bulletins. They are provided for information / communication purposes only.**

## 5. EXPORT CONTROL

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