

Subject: European Union CPDLC Mandate  
Aircraft: Eclipse 500 and 550  
Effectivity: All Aircraft  
Applicability: All Aircraft

## 1. SUMMARY

This SIL provides information regarding European Commission Regulation (EC) No. 29/2009 of 16 January, 2009, requirements for data-link services in the Single European Sky.

## 2. BACKGROUND

Eclipse has received enquiries from customers regarding the European Union mandate for controller-pilot data-link communication (CPDLC).

## 3. ECLIPSE ACTIONS

Eclipse Aerospace Inc. (EAI) has reviewed the COMMISSION REGULATION (EC) No. 29/2009 of 16 January, 2009, <<laying down requirements on data-link services for the Single European Sky>>, applicable since February 7, 2013.

This regulation applies to all flights operating as General Air Traffic (GAT) in accordance with Instrument Flight Rules (IFR) within the airspace above Flight Level (FL) 285, in specific European airspace Flight Information Regions (FIR) and Upper Information Regions (UIR) as indicated in Annex I of the regulation.

The above mentioned rule was issued by the European Union to mandate the ICAO standardized air-ground applications context management and CPDLC for the introduction of data-link services.

The rule has two implementing steps: first step for West Europe on February 7, 2013, and second step for East Europe on February 5, 2015. However, only the data-link services which have been sufficiently validated at Eurocontrol level should be the subject of mandatory introduction.

As of August 2014, beside the data-link services offered by the Eurocontrol Maastricht Upper Information Control Center (which covers Brussels UIR, Hannover UIR, and Amsterdam FIR) only the United Kingdom Air Traffic Control (ATC) published, in their Aeronautical Information Publication (AIP), section GEN 1.5, procedures about CPDLC services, which is not mandatory in their airspace. It seems that many European National Air Traffic Services (ATS), which will provide the data-link services, will not be ready for the February 2015 implementation deadline.

EAI is working on an engineering CPDLC solution that is estimated to be available in the first quarter of 2015, as a retrofit on Eclipse aircraft.

## 4. SUGGESTED OPERATOR ACTION

EAI is supplying this SIL to keep owners / operators informed. No action is required at this time.

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## 5. EXPORT CONTROL

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