

**Lufttüchtigkeitsanweisung
Consigne de navigabilité
Prescrizione di aeronavigabilità
Airworthiness directive**

HB 96-335

Inkraftsetzung
Mise en vigueur
Entrata in vigore
Effective Date

31.07.1996



Betroffene Muster - Types concernés - Applicabilità - Models affected

PILATUS AIRCRAFT LTD. - All PC-12 aircraft, up to and including serial number 140.

Anlass/Massnahmen - Objet/Mesures - Oggetto/Provvedimenti - Subject/Action

AUTOMATIC DISCONNECT CIRCUIT FOR THE NON-ESSENTIAL BUS - Rewiring

NAVIGATION CONVERTER (KN 40) - Inspection for correct wiring.
- Rectification if necessary.

Fristen - Délais - Scadenza - Compliance

Required before December 31, 1996 in accordance with the Accomplishment Instructions of Pilatus Service Bulletin PC-12 No.: 24-003. dated June 11.1996.

Herkunft - Provenance - Provenienza - Origin

FOCA AD

Bezugnahme - Référence - Riferimento - Reference

Pilatus PC-12 Service Bulletin No.: 24-003. dated June 11.1996.

The applicable Service Bulletins may be obtained directly from :

PILATUS AIRCRAFT LTD
MARKETING SUPPORT DEPARTMENT
CH-6370 STANS,
SWITZERLAND

Tel No: +41 41 6196 233
Fax No: +41 41 6103 351

Bemerkungen - Observations - Osservazioni - Remarks

For detailed informations refer to page 2.

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Applicability

PILATUS AIRCRAFT LTD.- All PC-12 aircraft, up to and including serial number 140.

Reason

1. When the N ESNTL switch is set to AUTO, the NON ESSENTIAL BUS must automatically disconnect from the power distribution system when the BAT/GEN 1 bus tie circuit breaker (CB210) opens. These wiring changes eliminate alternative grounding circuits for N ESNTL BUS relay (K331) which could cause the NON ESSENTIAL BUS to remain connected.
2. During production of a PC-12, an instance was discovered where the power lines of the Navigation Converter (KN 40) was incorrectly wired. In the instance of a power loss on Avionic Bus 1 and Avionic Bus 2 - loss of remaining VOR/LOC information would be experienced.

Actions

Since the unsafe condition described has been identified that is likely to exist or develop on other aircraft of the same type design, this Airworthiness Directive requires rewiring and testing of the Automatic Disconnect Circuit for the Non Essential Bus and an inspection of the Navigation Converter (KN 40) for correct wiring.

Compliance

Required before December 31, 1996 in accordance with the Accomplishment Instructions of Pilatus Service Bulletin PC-12 No.: 24-003. dated June 11.1996.

FOR FURTHER INFORMATION CONTACT:

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CH-3003 Berne, Switzerland./ Facsimile (+41) 31 325 80 48.