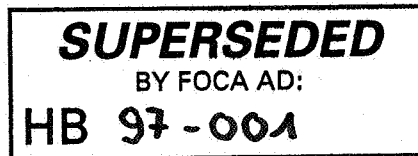


**Lufttüchtigkeitsanweisung
Consigne de navigabilité
Prescrizione di aeronavigabilità
Airworthiness directive**

HB 96-140

Inkraftsetzung
Mise en vigueur
Entrata in vigore
Effective Date

18.03.1996



Betroffene Muster - Types concernés - Applicabilità - Models affected

PILATUS AIRCRAFT LTD.- Model PC-12 aircraft,
Serial Numbers : S/N 101 up to and including S/N 135.

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

- MAGNETIC COMPASS DEVIATION - Re-routing and replacement of the Starter-Generator and Generator 2 power return cables.
- Temporary Pilot's Operating Handbook revision.

Fristen - Délais - Scadenza - Compliance

Compliance as indicated on page 2 of this Airworthiness Directive.

Herkunft - Provenance - Provenienza - Origin

Bezugnahme - Référence - Riferimento - Reference

- Pilatus PC-12 Service Bulletin No.: 24-002 dated March 7, 1996
- Pilatus PC-12 Pilot's Operating Handbook - Temporary Revision dated March 07, 1996
(Pilatus Report No.: 01973-001 / POH Section 2 and 3)

Bemerkungen - Observations - Osservazioni - Remarks

Rechtsmittelbelehrung	siehe TM Nr.		Seite	von
Voies de droit	voir CT no.	F 02.020-80	Page	1 de 2
Rimedi giuridici	vedi CT no.		Pagina	di
Right to appeal	see CT no.		Page	of

Reason

In the event of an Attitude and Heading Reference System (AHRS) failure in IMC conditions, the pilot must immediately revert to the standby instruments. In aircraft which are equipped for flight in known icing conditions, the magnetic compass deviation caused by the additional electrical loads has been found to be too great to be an acceptable standby heading reference.

Action

The actions specified in this AD are intended to reduce the compass deviation to acceptable limits under all operating conditions. A modification to the aircraft electrical system has been developed which consists of re-routing and replacement of the Starter-Generator and Generator 2 power return cables and requires the insertion of a Temporary Revision into the Pilot's Operating Handbook.

Compliance

- (1) For aircraft **modified** to fly into known icing conditions :
(Aircraft incorporating PC-12 SB No.: 30-001 (Icing Modification))
 - Prior to next flight into IMC conditions but not later than September 30, 1996 ;
Incorporate Pilatus PC-12 Service Bulletin No.: 24-002 dated March 07, 1996

- (2) For aircraft **not modified** to fly into known icing conditions :
(Aircraft not incorporating PC-12 SB No.: 30-001 (Icing Modification))
 - Before or together with the incorporation of PC-12 SB No.: 30-001 (Icing Modification)
but not later than September 30, 1996 ;
Incorporate Pilatus PC-12 Service Bulletin No.: 24-002 dated March 07, 1996

FOR FURTHER INFORMATION CONTACT:

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