

# AIRWORTHINESS DIRECTIVE

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*Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.*

Translation of 'Consigne de Navigabilité' ref. : 97-387-077(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A340 Aircraft

ATA 24 - Transfo-rectifiers (TR) (AUXILEC)

#### Applicability :

AIRBUS INDUSTRIE A340 aircraft models -211 ; -212 ; -213 ; -311 ; -312 and -313 which have not received either AIRBUS INDUSTRIE modifications 45077 or 45564 or AIRBUS INDUSTRIE Service Bulletin A340-24-4026.

#### Reasons :

Several operators reported cases of hot transfo-rectifiers operation resulting sometimes in smoke emission entering the cockpit (TR-ESS) or the cabin (TR-APU).

Filter capacitors burning was caused due to an ageing effect under certain high operating conditions which was identified to be the origin of the failure.

Previous Airworthiness Directive 97-157-064(B) required the temporarily replacement of transfo-rectifiers (TR-ESS) and (TR-APU) by transfo-rectifiers with removed capacitors.

This new Airworthiness Directive is a terminating action requiring the installation of new transfo-rectifiers standard for the 4 positions (APU, ESS, TR-1, TR-2).

#### Compliance :

Rendered mandatory on the effective date of this Airworthiness Directive :

- By not later than December 31, 1998, unless already accomplished, remove the TR-APU, the TR-ESS, the TR-1 and the TR-2 by modified transformer rectifier units (TRUs) with P/Ns 684-1024-11 or 684-1024-15 depending upon the aircraft configurations in accordance with the instructions mentioned in AIRBUS INDUSTRIE Service Bulletin A340-24-4026.

**Note :** This Airworthiness Directive supersedes the requirements of Airworthiness Directive 97-157-064(B).

Ref. : AIRBUS INDUSTRIE Service Bulletin A340-24-4026  
(or any further approved revision)

**EFFECTIVE DATE : DECEMBER 27, 1997**

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December 17, 1997

AIRBUS INDUSTRIE  
A340 Aircraft

97-387-077(B)