



CIVIL AVIATION AUTHORITY  
CZECH REPUBLIC

airport Ruzyne, 160 08 Prague 6  
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## AIRWORTHINESS DIRECTIVE

**Number: CAA -AD-2-018/97**

Date of issue: May 15, 1997

**WALTER a. s.**  
M601 T, S/N 951001

### ENGINES - TURBINE BLADE - REPLACEMENT

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**Applicable:**

WALTER M601T engine, S/N 951001.

**Reason for issuance:**

Gas generator turbine blade was broken in operation due to reduced fatigue strength caused by increased content of zirconium in used ZS6KVI alloy.

**Effective date:** May 19, 1997

**Apply until:**

One piece of gas generator turbine blade (melt No. 30C) will be replaced by exhausting determined life of 1000 cycles or 1000 hrs at latest.

**Accomplishment Procedure:**

Blade replacement will be carried by the maintenance engineers of the WALTER a. s. Product Support Dept. after agreement or on request of the operator at operators facility before gas generator turbine blade life termination as determined by mandatory bulletin no. A M601T/5a.

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*Remarks:* - Where applicable, the requirements of this AD must be integrated into the engines book  
- Address inquiries this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyne Airport, 160 08 Prague 6, Czech Republic, tel: 420 2 324086, fax: 420 2 364112  
- Operators of affected engines obtain copies of mandatory service bulletin No. A M601T/5a directly from manufacturer.

**Ing. Pavel MATOUŠEK**  
Director of Airworthiness Division  
Civil Aviation Authority