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Sektion 2. Utlandstillverkad flygmateriel

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**TITEL:** Åtgärder vid startsvårigheter med varm motor

**GÄLLER:** DR400 180 och 180R fr.o.m. S/N 2210

**ÅTGÄRD:** Utför åtgärder angivna i bifogad kopia av DGAC AD 2000-022(A)  
Sätt in kopia av Service Bulletin No.166 i flyghandboken

**TID FÖR ÅTGÄRD:** Före flygning

**UNDERLAG:** Robin Aviation Service Bulletin No. 166 utgiven 15 december 1999

**REFERENS:** DGAC AD 2000-022(A)

**BESLUTSDATUM:** 2000-02-17

**LFS 2000:23**

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.

Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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GSAC

# AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

*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. : 2000-022(A)  
In case of any difficulty, reference should be made to the French original issue.

## ROBIN AVIATION

### DR400 aircraft

Engine - Hot start (ATA 72)

#### 1. AIRCRAFT CONCERNED

This Airworthiness Directive concerns DR400 180 and 180 R aircraft from serial number 2210 inclusive.

#### 2. REASONS

The exhaust silencers which allow the above mentioned DR400 aircraft to meet the noise requirements require strict adherence to the hot engine start procedure (described in the section 4 of the Flight Manual) for prevention of fire in case of backfiring (in the event of fire the Emergency Procedure described in section 3 of the Flight Manual must be followed).

#### 3. ACTIONS

In the event of difficulties when starting a hot engine, the checks described in referenced manufacturer Service Bulletin must be performed:

- 3.1. Look for fuel leaks from the carburettor body and fuel lines.
- 3.2. Check magneto timing (especially the left magneto retard), ignition leads and spark plugs.
- 3.3. Inspect the exhaust pipes and silencer (for cracks, leaks, ...).
- 3.4. Check the drain holes for the air intake manifold under the carburettor and check the air filter (clean).

#### 4. COMPLIANCE

Actions required in paragraph 3 must be performed at the effective date of the present Airworthiness Directive.

REF. : ROBIN AVIATION Service Bulletin No. 166 issued December 15, 1999.

**EFFECTIVE DATE : FEBRUARY 05, 2000**

n/OG

January 26, 2000

ROBIN AVIATION  
DR400 aircraft

2000-022(A)

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**IMPERATIVE****SERVICE BULLETIN N°166**

**DGAC APPROVAL:** 15.12.99

**AIRCRAFT AFFECTED:** DR400/180 AND 180R FROM SERIAL NUMBER 2210 INCLUSIVE

**SUBJECT:** STARTING A HOT ENGINE

**TIME OF COMPLIANCE:** UPON RECEIPT OF SERVICE BULLETIN

**MOTIVE:** Cases of backfiring when starting a hot engine along with engine fire.

**PURPOSE:** To prevent engine fires in aircraft on ground

**INSTRUCTIONS:** Users are reminded that the above DR400 aircraft have been equipped with more effective exhaust silencers to meet more stringent noise control standards. These silencers require strict observance of the hot engine starting procedures, in particular with regard to fuel injection.

The hot engine starting procedure described in Section 4 of the Flight Manual and the emergency procedure in the event of fire described in Section 3 must be complied with. Remind pilots of the hot engine starting procedures.

In the event of difficulties when starting a hot engine, check the following points (see service manual):

1. Look for fuel leaks from the carburettor body and fuel lines.
2. Check magneto timing, especially the left magneto retard. Check the ignition leads and spark plugs.
3. Inspect the exhaust pipes and silencer (for cracks, leaks, etc.)
4. Check the drain holes from the air intake manifold under the carburettor (clean, not blocked, etc.) and check the air filter is clean.