	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2004-120</b>	Distribution: <b>B</b>	Issue date: <b>July 21, 2004</b>	Page : <b>1/2</b>
<b>Direction générale de l'aviation civile France</b>	This Airworthiness Directive is published by the DGAC: <input checked="checked" type="checkbox"/> on behalf of EASA, the Primary Airworthiness Authority for the affected product. <input type="checkbox"/> as the Registration Airworthiness Authority for the affected aircraft.		<i>Translation of « Consigne de Navigabilité » of same number.          In case of difficulty, reference should be made to the French issue.</i>	
<b>GSAC publication</b>	<p align="center"><b>No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.</b></p>			
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>None</b>		
Person in charge of airworthiness: <b>AIRBUS SAS</b>		Type(s): <b>A319, A320 and A321 aircraft</b>		
Type certificate(s) No. <b>180</b> TCDS No <b>180</b>				
ATA chapter: <b>28</b>	Subject: <b>Fuel system - Air Release Valve (ARV)</b>			

### 1. EFFECTIVITY:

AIRBUS A319, A320 and A321 aircraft, all certified models and serial numbers, that are equipped with ARV FR-HITEMP Part Number (PN) 9813365, 9813395 or 9813445.

Aircraft on which no replacement of ARV has been performed since embodiment of AIRBUS modification 26102 in production or AIRBUS Service Bulletin (SB) A320-28-1123 in service are not affected by the requirements of this Airworthiness Directive (AD).

**Note:** FR-HITEMP was previously known as "FLIGHT REFUELLING".

### 2. REASONS:

One operator has reported an engine shut down in fuel gravity mode.

Analysis has shown that the float of the ARV PN 9813365, 9813395 or 9813445 absorbs fuel and will no longer float, and consequently will fail to function as required.


In the case where the engines are in gravity mode, there could be enough air ingested through the ARV to allow the engine to shut down.

For such reason, this AD renders mandatory the improvement of the ARV.

### 3. MANDATORY ACTIONS AND COMPLIANCE TIME:

Before June 30, 2007, modify the ARV PN 9813365, 9813395 or 9813445 in accordance with the instructions given in SB A320-28-1123.

For ARV PN 9813365, preliminary application of SB A320-28-1002 is required.

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**4. REFERENCE PUBLICATIONS:**

AIRBUS Service Bulletin A320-28-1002  
AIRBUS Service Bulletin A320-28-1123  
(Any further approved revision of these SBs is acceptable).

**5. EFFECTIVE DATE:**

July 31, 2004.

**6. REMARK:**

For questions concerning the technical contents of this AD's requirements, contact:  
AIRBUS SAS - Fax 33 5 61 93 44 51.

**7. APPROVAL:**

This AD is approved under EASA reference No 2004-7519 dated July 13, 2004.