EASA	AIRWORTHINESS DIRECTIVE	
	AD No.: 2007 - 02	15
	Date: 08 August 2	2007
		iness Directive applies, except in accordance with the erwise agreed with the Authority of the State of Registry.
Type Approval H	older's Name :	Type/Model designation(s) :
AIRBUS SAS		A330 aircraft
TCDS Number : EA	SA A.004	
Foreign AD: Not app	olicable.	
Supersedure : This 0212		2006-0259-E which superseded EASA EAD 2006-
ATA 72		ditions during Descent – Operational patch Restriction / Modification
Manufacturer:	AIRBUS (formerly AIRI	BUS INDUSTRIE)
Applicability:	numbers except those	02, -203, -301, -302 and -303 aircraft, all serial on which AIRBUS modification 56554 has been or Airbus SB A330-73-3048 has been embodied
Reason:	engines experienced a after engines accelerat	equipped with General Electric (GE) CF6-80E1 n engine flame out during descent, 2 to 3 seconds ion upon aircraft altitude capture, under inclement all cases, the engines restarted and then operated
	conventional ice or ice descent at low engine core inlet upon engine	on that at high altitude, an accretion of the crystals in the engine fan or booster stages during power can shed a significant amount of ice into the acceleration when the variable bleed valve doors in will then increase the water/air ratio, leading to
		rrected, can lead to the temporary loss of both which constitutes an unsafe condition.
	Airworthiness Directive	risk of a dual engine flame out in flight, Emergency e (EAD) 2006-0212-E mandated the operational ases the fuel/air ratio in the engine during the

	descent and under inclement weather conditions.	
	EAD 2006-0259-E took over the requirements of Emergency AD 2006-0212-E and restricted the dispatch for aircraft operated under MMEL item 21-51-02 (from GO to GO IF).	
	This new AD:	
	- takes over the requirements of EAD 2006-0259-E and	
	 mandates the terminating action of the operational procedure and dispatch restriction by installation of new FADEC Software version E1.O which incorporates inclement weather logic improvement with other minor modifications. 	
Effective Date:	22 August 2007	
Compliance:	The following operational procedure is rendered mandatory from 14 July 2006 [original effective date of EAD 2006-0212-E]:	
	"ICING CONDITIONS EXPECTED DURING DESCENT	
	If icing conditions (including ice crystals) are expected during descent :	
	 At top of descent, or at the latest before entering the expected icing conditions: 	
	Select ENG ANTI ICE and WING ANTI ICE to ON.	
	Select PACK FLOW at HI.	
	• Below 10,000 feet :	
	Resume normal operation."	
	Note 1: This operational procedure is covered by the Temporary Revision (TR) of the Aircraft Flight Manual (AFM): A330 AFM TR 4.03.00/27. Inserting a copy of this AD or AFM TR 4.03.00/27 into the Aircraft Operations Manual (AOM) as well as into the AFM and application of this procedure by the flight crew constitutes compliance with this requirement.	
	The following operational limitation is rendered mandatory from 28 August 2006 [effective date of EAD 2006-0259-E]:	
	Dispatch restriction:	
	 Dispatch with the "Pack Flow Selection" inoperative (item numbered 21-51-02 in the associated MMEL) is prohibited when the aircraft is operated in icing conditions. 	
	Note 2: Inserting the above dispatch restriction or a copy of this AD into the AOM and strict adherence to above dispatch restriction by the crew constitutes compliance with this requirement.	
	Note 3: All the other published dispatch conditions remain unaffected by this AD. In particular the MMEL items related to Air Conditioning Pack, Anti-Ice Protection and Bleed Air System are unchanged and remain valid.	

	Not later than 31 January 2008, modify the FADEC Software of both engines in accordance with instructions defined in AIRBUS SB A330-73-3048. Accomplishment of AIRBUS SB A330-73-3048 on both engines cancels the requirements of this AD.	
Ref. Publications:	AIRBUS A330 AFM TR 4.03.00/27 approved by EASA on 11 July 2006 or any later approved revision of this AFM TR or any general AFM revision including this procedure.	
	AIRBUS Service Bulletin A330-73-3048, or later approved revisions.	
Remarks :	If requested and appropriately substantiated the responsible EASA manager for the related product has the authority to accept Alternative Methods of Compliance (AMOCs) for this AD.	
	 This AD was posted on 09 July 2007 as PAD 07-118 for consultation until 23 July 2007. No comments were received during the consultation period. 	
	3. Enquiries regarding this Airworthiness Directive should be referred to the Airworthiness Directive Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu .	
	 For any question concerning the technical content of the requirements in this AD, please contact AIRBUS SAS – Airworthiness Office - EAL Fax: +33 5 61 93 45 80. 	