


EASA	AIRWORTHINESS DIRECTIVE
	AD No : 2005-0021 Issued/Date: 01/08/2005

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.

Type Approval Holder's Name Honeywell International	Applicable, but not limited, to the following aircraft fitted with Honeywell RCZ-83() and RCZ-85() Communication Units Type/Model designation(s): Embraer RJ 145 Embraer RJ 135 Falcon Jet 900 British Aerospace HS 125-800 British Aerospace HS 125-1000 Hawker Series 125-800 Hawker Series 125-1000 Bombardier BD-700 Cessna Citation CJ 1 Cessna Citation CJ 2 Cessna Citation 550 Cessna Citation 560 Cessna Citation 650 Learjet 45 Lockheed C130 British Aerospace Jetstream 41 Falcon Jet 2000 Lockheed L382G
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ETSOA Number: EASA.210.012

Foreign AD No.: none

Supersedure:

ATA 23 - Honeywell RCZ-83() and RCZ-85() Communication Units -
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Manufacturer(s):	Honeywell, 5353 W.Bell Road, Glendale, AZ. 850308-9000, USA
Applicability:	Applicable to aircraft fitted with Honeywell RCZ-83() and RCZ-85() Communication Units Affected P/N's of the equipment are: 7510700-725, -763, -765, -813, -815, -825, -863, -875
Reason:	A design deficiency causes the transponder to revert to standby mode if a change of the 4096 ATC code (also referred to as the Mode A code) is not

	<p>completed within 5 seconds. As a consequence, the SSR radar symbol and label associated with the aircraft's position will no longer be shown on the ATC ground radar display. Also, aircraft collision avoidance systems (ACAS) on board own and other aircraft will be compromised. Current operational procedures, typically, do not require the crew to recheck the transponder status after changing the 4096 ATC Code. This type of failure will increase ATC workload and will result in improper functioning of ACAS.</p>
Effective Date:	01 August 2005
Compliance:	<p>Compliance is required not later than 9 months from the date of this Airworthiness Directive.</p> <p>To comply with this Airworthiness Directive, Honeywell Service Bulletins A21-3851-005 or A24-3851-002 must be incorporated into the applicable units. Incorporation of either of these service bulletins, into the affected unit(s), will cancel the applicability of this Airworthiness Directive.</p> <p>Until either of these service bulletins are incorporated, the following statement must be included in the AFM under "Normal Procedures, not later than 5 days from the effective date of this Airworthiness Directive (this can be achieved by inserting a copy of this AD in the AFM Normal Procedures Section).</p> <p>"After completion of any 4096 ATC Code change (also referred to as Mode A Code), check the status of the transponder. If the transponder indicates that it is in standby mode, re-select the desired mode (i.e. the transponder should be in the active mode).</p>
Ref. Publications:	<p>Honeywell Technical Newsletter A23-1146-004</p> <p>Honeywell Service Bulletin A21-3851-005</p> <p>Honeywell Service Bulletin A24-3851-002</p>
Remarks:	<p>For further information regarding this AD contact the Certification Unit Parts & Appliances Unit, Ottoplatz 1, 50679 Köln, Germany, Phone +49-221-89990-4050, Fax +49-221-89990-4550, Email: kevin.hallworth@easa.eu.int .</p> <p>For questions concerning the technical contents of this AD, contact Honeywell, address as listed above.</p>