


EASA	PROPOSED AIRWORTHINESS DIRECTIVE																											
	<p>PAD No.: 07 - 134</p> <p>Date: 03 August 2007</p>																											
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:	Type/Model designations:																											
Pacific Scientific Company, HTL/KIN-TECH Division	Restraint Systems: 0108084, 0108092, 0108904, 0118013, 0118026, 0118030, 0118037, 0118038, 1106193, 1109012, 1109026, 1111131, 1111147, 1111432, 1111460, 1117119, 1117148, 1117181, 1117433, 2000013, 2000014, 2000021, 2000029, 2000037, 2000067, 2000091, 2000104, 2000108, 2000111, 2000114, 2000115, 2100011, 2100023, 2100025.																											
TSOA Number: various ETSOA Number: various, e.g. CAA UK Approval Number AR01193, AR0197, AR01199.																												
Foreign AD: Not applicable.																												
Supersedure: None																												
ATA 25	Equipment and Furnishing - Seat Restraint System Plastic Rotary Buckle Handle - Inspection/Replacement																											
Manufacturer:	Pacific Scientific Company																											
Applicability:	<p>All the Pacific Scientific rotary buckles p/n's 1111430-XX and 1111475-XX used on, but not limited to, seat restraint systems p/n's:</p> <table border="0"> <tr> <td>0108084-05</td><td>1111460-01</td><td>2000029-01</td></tr> <tr> <td>0108084-07</td><td>1111460-03</td><td>2000029-03</td></tr> <tr> <td>0108092-01</td><td>1117119-01</td><td>2000029-101</td></tr> <tr> <td>0108092-03</td><td>1117119-03</td><td>2000029-121</td></tr> <tr> <td>0108904-01</td><td>1117119-05</td><td>2000029-55</td></tr> <tr> <td>0108904-03</td><td>1117119-07</td><td>2000029-61</td></tr> <tr> <td>0108904-05</td><td>1117148-01</td><td>2000029-71</td></tr> <tr> <td>0108904-301</td><td>1117148-03</td><td>2000029-73</td></tr> <tr> <td>0108904-303</td><td>1117148-05</td><td>2000037-05</td></tr> </table>	0108084-05	1111460-01	2000029-01	0108084-07	1111460-03	2000029-03	0108092-01	1117119-01	2000029-101	0108092-03	1117119-03	2000029-121	0108904-01	1117119-05	2000029-55	0108904-03	1117119-07	2000029-61	0108904-05	1117148-01	2000029-71	0108904-301	1117148-03	2000029-73	0108904-303	1117148-05	2000037-05
0108084-05	1111460-01	2000029-01																										
0108084-07	1111460-03	2000029-03																										
0108092-01	1117119-01	2000029-101																										
0108092-03	1117119-03	2000029-121																										
0108904-01	1117119-05	2000029-55																										
0108904-03	1117119-07	2000029-61																										
0108904-05	1117148-01	2000029-71																										
0108904-301	1117148-03	2000029-73																										
0108904-303	1117148-05	2000037-05																										

	0108904-53 1117148-07 2000067-01 0108904-55 1117148-09 2000091-05-001 0108904-91 1117148-11 2000104-23-226 0108904-93 1117148-133 2000104-43-226 0118013-01 1117148-15 2000108-01-001 0118026-05 1117148-17 2000108-03-001 0118030-07 1117148-27 2000111-01 0118037-01-001 1117148-29 2000111-03 0118037-03-001 1117148-33 2000114-03-001 0118038-01 1117148-35 2000115-101 1106193-03 1117181-01 2100011-03 1106193-13 1117433-21 2100023-15-001 1106193-53 1117433-23 2100025-01-001 1109012-03-001 2000013-01-001 2100025-01-066 1109026-01-001 2000013-03-001 2100025-01-104 1109026-11-001 2000014-01 2100025-01-243 1109026-31-001 2000014-03 2100025-03-066 1111131-03 2000014-81 2100025-03-104 1111147-01-001 2000014-83 2100025-03-243 1111432-01 2000021-05-001 <p>The p/n's 2000029-XX, 2000067-XX and 2000115-XX are known to be installed on, but not limited to, Eurocopter a/c models AS 350, AS 355, EC120, EC 130, EC 155.</p>
Reason:	<p>Pacific Scientific has received field reports of several instances of cracking on the guarded rotary buckle assembly plastic handle part numbers 1111430-XX and 1111475-XX with a date of manufacture between November 2004 and May 2007.</p> <p>Preliminary testing performed by Pacific Scientific on buckle assemblies with cracked plastic handles indicates that in some circumstances when a load is placed on the restraint system, the straps may not release as intended when the buckle is rotated. This could result in a potential unsafe condition in event of an emergency landing or when the occupant is bearing on the buckle.</p>
Effective Date:	[TBD: 14 days after final AD issue date]
Compliance:	Unless already accomplished, in accordance with the instructions of Pacific Scientific SB 25-1111432 original issue dated May 22, 2007:

	<ol style="list-style-type: none"> 1. within 30 days after the effective date of this AD, inspect the seat restraint systems, installed on seats or held as spare, to identify if the buckles part numbers are those affected by this AD; if yes: <ol style="list-style-type: none"> 1.1 immediately replace cracked buckles or mark the seat as “un-operative”; 1.2 inspect not cracked buckles before any flight and immediately replace them if any start of cracking is detected. Replace anyhow not cracked buckles within 6 months after the effective date of this AD.
Ref. Publications:	Pacific Scientific SB 25-1111432 issue dated May 22, 2007 or later approved revisions of this document.
Remarks :	<ol style="list-style-type: none"> 1. 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. 2. The closing date for comments is 07 September 2007. 3. Enquiries regarding this AD should be referred to the AD Focal Point - Certification Directorate, EASA. E-mail: ADs@easa.europa.eu 4. For any question concerning the technical content of the requirements in this AD, please contact: <p><u><i>Pacific Scientific Aviation Services</i></u> 11700 N.W. 102nd Rd. # 6 Miami, Florida 33178 United States Ph: 305-477-4711 Fax: 305-477-9799 Contact: Edel Mena www.pacscimiami.com</p> <p><u><i>Pacific Scientific UK Ltd.</i></u> Howarth Road, Maidenhead Berkshire SL6 1AP United Kingdom Ph: 44-1628 68-2200 Fax: 44-1628-68 2250 Contact: Ross Hamilton</p> <p><u><i>Pacific Scientific Germany</i></u> Unit 6 Hagen Park Miramstrasse 74 34123 Kassel Germany Tel: + 49 (0) 561 57981 0 Fax: + 49 (0) 561 57981 25 Contact: Michael Hippe</p>