EASA

AIRWORTHINESS DIRECTIVE

AD No.: 2010-0237R2

Date: 14 December 2010

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation

This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].

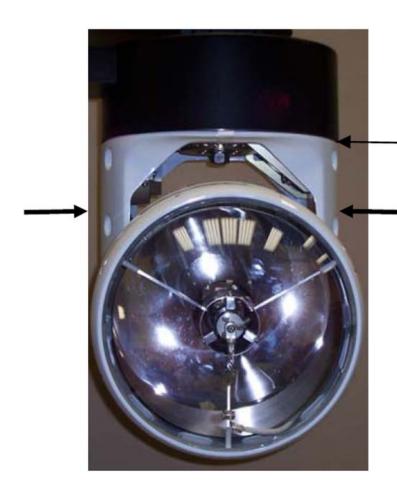
Design Change Approval Holder :			pe/Model designation(s	
Agusta S.p.A.		AB	139 and AW139 helicop	ters
Keystone Helicopte	Keystone Helicopter Corporation		orsky S-92A helicopters	
Eurocopter UK Ltd			rocopter Deutschland Ml 135 helicopters	BB-BK117 C-2 and
TCDS Number :	EASA.R.006			
STC Numbers :	EASA.IM.R.S.01256 (validation of FAA STC SR02408NY-D) for S-92A EASA.R.S.01532 for EC 135 P2+ and T2+ EASA.10028851 for MBB-BK117 C-2 United Kingdom (UK) AAN 26529 incl. minor change MCH/A/135/787 for EC 135			
Foreign AD :	None			
Revision:	This AD revises EASA AD 2010-0237R1 dated 22 November 2010; the original issue of this AD superseded EASA AD 2010-0183R1 dated 07 September 2010.			
ATA 25	Equipment / Furnishings – Spectrolab Nightsun XP Searchlight – Inspection / Removal / Replacement			
Manufacturer(s):	Agusta S.p.A., Ag Eurocopter Deuts		erospace Corporation, Siko GmbH	orsky Aircraft Corporation,
Applicability:	 Agusta S.p.A model AB139 and AW139 helicopters, and Sikorsky Aircraft Corporation S-92A helicopters, and Eurocopter Deutschland GmbH model MBB-BK117 C-2 and EC 135 series helicopters, 			
	if equipped with certain Gimbal Assemblies, used on Spectrolab Nightsun XP Searchlight Assemblies listed in Table 1 of this AD.			
	Table 1			
	Gimbal Assemb	ly P/N	Searchlight Assembly P/N (any suffix)	Modification Standard
	033295-1		033338	Revision D and lower
	033295-2		033704	Revision C and lower
			ntifications are those assign tified by the design change	

Reason:	An incident has been reported by a Maintenance Organisation of vibration
Reason.	associated with the Nightsun XP Searchlight. Investigation revealed that the Gimbal Azimuth Top Hex Nut was loose.
	This condition, if not detected and corrected, could lead to a gap between the rubber edging of the top shroud and the Gimbal frame, resulting in degradation of pointing accuracy and stability performance and pose excessive vibration. If the nut were to entirely disengage, the Searchlight/Gimbal could disconnect from the helicopter and remain attached solely by the internal cable harness or separate totally, possibly resulting in damage to the helicopter or injury to persons on the ground.
	EASA issued Emergency AD 2010-0183-E, later revised, as an interim measure to require repetitive inspections and, depending on findings, the removal of the searchlight from the helicopter.
	Spectrolab, the Searchlight manufacturer, has now developed a modification of the Searchlight installation that remedies the problem by replacing the Nightsun XP gimbal azimuth top hex nut with a dual-locking nut. This action includes re-identification of the gimbals as either P/N 033295-3 or P/N 033295-4 and assigns accordingly a new airworthy revision standard to the P/N of the modified Nightsun XP Searchlight Assembly.
	One of the affected approval holders, Eurocopter UK Ltd, subsequently developed the EASA-approved modifications which allow embodiment of the Spectrolab design changes on helicopters modified by Eurocopter UK STC.
	For the reasons described above, EASA AD 2010-0237 was issued, retaining the inspection requirements of AD 2010-0183R1, which was superseded, required removing the searchlight from the helicopter and allowed, for the affected Eurocopter Deutschland GmbH helicopters, modification of the searchlight installation by installing a modified searchlight assembly, having a higher revision standard and a new P/N Gimbal assembly.
	Since AD 2010-0237 was published, the other affected approval holders have developed their own modifications, which have been approved by EASA, to allow embodiment of the Spectrolab design change on Agusta AB139 and AW139 helicopters, and on Sikorsky S-92A helicopters modified by Keystone STC, respectively.
	Revision 1 of this AD was issued to include reference to Agusta Bollettino Tecnico (BT) 139-231 and Keystone Helicopter Corporation Service Bulletin (SB) 10-11 revision C, which provide the terminating action instructions for the AB139, AW139 and S-92A helicopters affected by this AD. In addition, this AD reduces the applicability to helicopters that have Gimbal Assembly P/N and Searchlight Assembly P/N as defined in Table 1 of the Applicability section of this AD.
	Revision 2 of this AD is issued to allow installation of a Searchlight Assembly with a higher Revision number than required by this AD, provided that the applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight Assembly with that Revision number.
	Revision 2: 14 December 2010
Effective Date:	Revision 1: 06 December 2010
	Original issue: 30 November 2010.
Required Action(s) and Compliance Time(s):	Required as indicated, unless previously accomplished:
	(1) Before the next flight after 31 August 2010 [the effective date of EASA AD 2010-0183-E], and thereafter before the first flight of each day, accomplish the following actions:
	(1.1) Visually check the searchlight installation Gimbal for a gap between the Top Shroud rubber edging (P/N 033381) and the side covers (P/N 033286). The edging should be in physical contact with the

I

 (1.2) Try to move the Searchlight laterally. No gap should appear between the Top Stroud rubber edging (PN 033381) and the side covers (PN 03386) and no play should be felt. Appendix 1 of this AD shows the area(s) to be checked. (2) If, during any of the checks as required by paragraph (1) of this AD discrepancies are detected, before next flight, remove the searchlight assembly from the helicopter and contact the design (change) approval holder, as applicable to the installation, remove the searchlight assembly from the helicopter searchlight (Assembly, in accordance with the instructions of Eurocopter Deutschland GmbH helicopters, install a P/N 03338 Revision F Searchlight Assembly, in accordance with the instructions of Eurocopter UK Ltd Service Bulletin (SB) 13578-467, SB 1315151-472, or SB 1451167-473, as applicable to the installation, and (3). (3) For Eurocopter Deutschland GmbH helicopters, install a P/N 03338 Revision F Searchlight Assembly, in accordance with the instructions of Agusta BT 139-231. (3) For Sikorsky helicopters, install a P/N 03338-Revision E Searchlight Assembly, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3) For Sikorsky helicopters, install a P/N 03338-Revision E Searchlight Assembly, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3) For Sikorsky helicopters, installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3) For Sikorsky helicopters installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3) For Sikorsky helicopters installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3) For Sikorsky helicopters installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (4) Modificat		side covers.	
 (2) If, during any of the checks as required by paragraph (1) of this AD discrepancies are detected, before next flight, remove the searchlight assembly from the helicopter and contact the design (change) approval holder, as applicable to the installation. (3) Within 30 days after 30 November 2010 [the effective date of the original issue of this AD], irrespective of findings, remove the searchlight assembly from the helicopter, as applicable to the installation, or, (3.1) For Eurocopter DUK Ltd Service Bulletin (SB) 135787-467, SB 1351151-472, or SB 1451167-473, as applicable to helicopter Model. (3.2) For Agusta helicopters, install a P/N 033338 Revision F Searchlight Assembly, in accordance with the instructions of Eurocopter UK Ltd Service Bulletin (SB) 135787-467, SB 1351151-472, or SB 1451167-473, as applicable to helicopter Model. (3.2) For Agusta helicopters, install a P/N 033338 Revision F Searchlight Assembly, in accordance with the instructions of Agusta BT 139-231. (3.3) For Sikorsky helicopters, install a P/N 033338-3 Revision E Searchlight Assembly, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3.4) For all helicopters, installation of a Searchlight Assembly with a higher Revision number than those required by paragraphs (3.1), (3.2), or (3.3) of this AD, as applicable to the design (henge), is allowed, provided that the applicable (Supplemential) Type Certificate holder has certified the installation of a Searchlight Assembly with a higher Revision number that number. (4) Modification of a helicopter as required by paragraph (3) of this AD constitutes terminating action for the repetitive inspection requirements of this AD. (5) From the effective date of this AD. (6) From the effective date of this AD. (5) Do not motify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly isfacted by this AD, u		(1.2) Try to move the Searchlight laterally. No gap should appear between the Top Shroud rubber edging (P/N 033381) and the side	
discrepancies are detected, before next flight, remove the searchlight assembly from the helicopter and contact the design (change) approval holder, as applicable to the installation. (3) Within 30 days after 30 November 2010 [the effective date of the original issue of this AD], irrespective of findings, remove the searchlight assembly from the helicopter, as applicable to the installation, or, (3.1) For Eurocopter Deutschland GmbH helicopters, install a P/N 0033338 Revision F Searchlight Assembly, in accordance with the instructions of Eurocopter UK Ltd Service Bulletin (SB) 135787-487, SB 1351151-472, or SB 1451167-473, as applicable to helicopter Model. (3.2) For Agusta helicopters, install a P/N 03338 Revision F Searchlight Assembly, in accordance with the instructions of Agusta BT 139- 231. (3.3) For Sikorsky helicopters, install a P/N 033704 Revision D Searchlight Assembly, as applicable to the installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3.4) For all helicopters, install a D/N 033704 Revision D Searchlight Assembly with that Revision number than those required by paragrapts (3.1), (3.2), or (3.3) of this AD, as applicable to the paragrapts (3.1), (3.2), or (3.3) of this AD, as applicable to the paragrapts (3.1), (3.2), or Oxitutes terminating action for the repetitive inspection requirements of this AD. (4) Modification of a helicopter as required by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by this AD, neals in compliance with tharagraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type.		Appendix 1 of this AD shows the area(s) to be checked.	
Issue of this AD), irrespective of findings, remove the searchlight assembly from the helicopter, as applicable to the installation, or, (3.1) For Eurocopter Deutschland GmbH helicopters, install a P/N 033338 Revision F Searchlight Assembly, in accordance with the instructions of Eurocopter UK Ltd Service Bulletin (SB) 1357:467, SB 1351151-472, or SB 1451167-473, as applicable to helicopter Model. (3.2) For Agusta helicopters, install a P/N 033338 Revision F Searchlight Assembly, in accordance with the instructions of Agusta BT 139- 231. (3.3) For Sikorsky helicopters, install a P/N 03338-3 Revision E Searchlight Assembly or a P/N 033704 Revision D Searchlight Assembly, was applicable to the installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3.4) For all helicopters, install ato of a Searchlight Assembly with a higher Revision number than those required by paragraph (3.1), (3.2), or (3.3) of this AD, as applicable to type design (change), is allowed, provided that the applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight Assembly with that Revision number. (4) Modification of a helicopter as required by paragraph (3.1), (5.1) Do not install a Spectrolab Nightsun XP Gimbal Assembly P/N 033295-1 or P/N 033295-2 on any helicopter as a replacement unit. (5.2) Do not motify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by EAS ASTC 10028851: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by LKAAN		discrepancies are detected, before next flight, remove the searchlight assembly from the helicopter and contact the design (change) approval	
03338 Revision F Searchlight Assembly, in accordance with the instructions of Eurocopter UK Ltd Service Bulletin (SB) 135787-467, SB 1351151-472, or SB 1451167-473, as applicable to helicopter Model. (3.2) For Agusta helicopters, install a P/N 033338 Revision F Searchlight Assembly, in accordance with the instructions of Agusta BT 139-231. (3.3) For Sikorsky helicopters, install a P/N 033704 Revision D Searchlight Assembly, as applicable to the installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3.4) For all helicopters, installation of a Searchlight Assembly with a higher Revision number than those required by paragraphs (3.1), (3.2), or (3.3) of this AD, as applicable to type design (change), is allowed, provided that the applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight Assembly with that Revision number. (4) Modification of a helicopter as required by paragraph (3) of this AD constitutes terminating action for the repetitive inspection requirements of this AD. (5) From the effective date of this AD: (5.1) Do not install a Spectrolab Nightsun XP Gimbal Assembly P/N 033295-20 any helicopter as a replacement unit. (5.2) Do not modify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unessen in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P24 and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, ISBu A, dated 10 November 2010. For KED 135 P24; and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK L		issue of this AD], irrespective of findings, remove the searchlight	
Assembly, in accordance with the instructions of Agusta BT 139-231. (3.3) For Sikorsky helicopters, install a P/N 033338-3 Revision E Searchlight Assembly or a P/N 033704 Revision D Searchlight Assembly, as applicable to the installation, in accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3.4) For all helicopters, installation of a Searchlight Assembly with a higher Revision number than those required by paragraphs (3.1), (3.2), or (3.3) of this AD, as applicable to type design (change), is allowed, provided that the applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight Assembly with that Revision number. (4) Modification of a helicopter as required by paragraph (3) of this AD constitutes terminating action for the repetitive inspection requirements of this AD. (5) From the effective date of this AD: (5.1) Do not install a Spectrolab Nightsun XP Gimbal Assembly P/N 033295-1 or P/N 033295-2 on any helicopter as a replacement unit. (6.2) Do not modify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 1451167-473, Issue A, dated 10 November 2010. For EC 135 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. Agusta B		033338 Revision F Searchlight Assembly, in accordance with the instructions of Eurocopter UK Ltd Service Bulletin (SB) 135787-467, SB 1351151-472, or SB 1451167-473, as applicable to helicopter	
Ref. Publications: For EC 135 P2+ and T2+ helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, as applicable to the installation. In accordance with the instructions of Keystone Helicopter Corporation SB 10-11 rev. C. (3.4) For all helicopters, installation of a Searchlight Assembly with a higher Revision number than those required by paragraphs (3.1), (3.2), or (3.3) of this AD, as applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight Assembly with that Revision number. (4) Modification of a helicopter as required by paragraph (3) of this AD constitutes terminating action for the repetitive inspection requirements of this AD. (5) From the effective date of this AD: (5.1) Do not install a Spectrolab Nightsun XP Gimbal Assembly P/N 033295-1 or P/N 033295-2 on any helicopter as a replacement unit. (5.2) Do not modify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For KEC 135 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. For EC 135 helicopters Sm odified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. For use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.		Assembly, in accordance with the instructions of Agusta BT 139-	
higher Revision number than those required by paragraphs (3.1), (3.2), or (3.3) of this AD, as applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight Assembly with that Revision number. (4) Modification of a helicopter as required by paragraph (3) of this AD constitutes terminating action for the repetitive inspection requirements of this AD. (5) From the effective date of this AD: (5.1) Do not install a Spectrolab Nightsun XP Gimbal Assembly P/N 033295-1 or P/N 033295-2 on any helicopter as a replacement unit. (5.2) Do not modify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 1451167-473, Issue A, dated 10 November 2010. For EC 135 helicopter Smodified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. For EC 135 helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve		Searchlight Assembly or a P/N 033704 Revision D Searchlight Assembly, as applicable to the installation, in accordance with the	
Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. For EC 135 helicopter SB 10-11 revision C dated 22 October 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve		higher Revision number than those required by paragraphs (3.1), (3.2), or (3.3) of this AD, as applicable to type design (change), is allowed, provided that the applicable (Supplemental) Type Certificate holder has certified the installation of a Searchlight	
(5.1) Do not install a Spectrolab Nightsun XP Gimbal Assembly P/N 033295-1 or P/N 033295-2 on any helicopter as a replacement unit.(5.2) Do not modify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type.Ref. Publications:For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 1451167-473, Issue A, dated 10 November 2010. For EC 135 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. Agusta BT 139-231 dated 18 November 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.Remarks :1. If requested and appropriately substantiated, EASA can approve		constitutes terminating action for the repetitive inspection requirements of	
033295-1 or P/N 033295-2 on any helicopter as a replacement unit. (5.2) Do not modify a helicopter by installing a Spectrolab Nightsun XP Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type. Ref. Publications: For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 1451167-473, Issue A, dated 10 November 2010. For EC 135 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010. Agusta BT 139-231 dated 18 November 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve		(5) From the effective date of this AD:	
Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to helicopter type.Ref. Publications:For EC 135 P2+ and T2+ helicopters modified by STC EASA.R.S.01532: Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010. For MBB-BK117 C-2 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 1451167-473, Issue A, dated 10 November 2010. For EC 135 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010.Agusta BT 139-231 dated 18 November 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.Remarks :1. If requested and appropriately substantiated, EASA can approve			
Eurocopter UK Ltd SB 1351151-472, Issue A, dated 10 November 2010.For MBB-BK117 C-2 helicopters modified by EASA STC 10028851: Eurocopter UK Ltd SB 1451167-473, Issue A, dated 10 November 2010.For EC 135 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10 November 2010.Agusta BT 139-231 dated 18 November 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.Remarks :1. If requested and appropriately substantiated, EASA can approve		Searchlight Assembly affected by this AD, unless in compliance with paragraph (3.1), (3.2), (3.3) or (3.4) of this AD, as applicable to	
Eurocopter UK Ltd SB 1451167-473, Issue Å, dated 10 November 2010. For EC 135 helicopters modified by UK AAN 26529 (including minor change MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue Å, dated 10 November 2010. Agusta BT 139-231 dated 18 November 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve	Ref. Publications:		
MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue Å, dated 10 November 2010. Agusta BT 139-231 dated 18 November 2010. Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve			
Keystone Helicopter SB 10-11 revision C dated 22 October 2010. The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve		MCH/A/135/787): Eurocopter UK Ltd SB 135787-467, Issue A, dated 10	
The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve		Agusta BT 139-231 dated 18 November 2010.	
compliance with the requirements of this AD. Remarks : 1. If requested and appropriately substantiated, EASA can approve		Keystone Helicopter SB 10-11 revision C dated 22 October 2010.	
Alternative Methods of Compliance for this AD.	Remarks :		

2.	The required actions and the risk allowance have granted the issuance of a Final AD with Request for Comments, postponing the public consultation process after publication.
3.	Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: <u>ADs@easa.europa.eu</u> .
4.	For any questions concerning the technical content of the requirements in this AD, please contact, as applicable:
	Agusta S.p.A. Customer Support – Via del Gregge 100, 21015 Lonate Pozzolo (VA) – Italy Telephone: + 39 0331 664873; Fax: + 39 0331 664680; E-mail: <u>aw139.mbx@agustawestland.com</u> .
	Eurocopter UK Limited, Oxford Airport, Kidlington, Oxford OX5 1QZ, United Kingdom, Telephone +44 1865 852 400, Fax: +44 1865 842 827, E-mail: <u>Airworthiness.Office@eurocopter.co.uk</u> .
	Keystone Helicopter Corporation, 110 East Stewart Huston Drive, Coatesville, Pennsylvania 19320, United States of America, Telephone +1 610 644 4545, Fax: +1 610 883 4411, E-mail jim.scanish@keystonehelicopter.com.
	Spectrolab, Inc., 12500 Gladstone Avenue, Sylmar, California 91342, United States of America, telephone: +1 818 365-4611, Fax: +1 818 361-5102, E-mail <u>customerservice@spectrolab.com</u> or <u>illumination@spectrolab.com</u> . Website <u>http://www.spectrolab.com/</u> .



Appendix 1 – Photo showing location to be checked

Verify that rubber edging is in contact with the side covers

Apply pressure on the side covers to check for any side-to-side motion