

LUFTVÄRDIGHETSDIREKTIV (LVD)

Sektion 2. Utlandstillverkad flygmateriel

Denna LVD har utfärdats för att omfatta alla de nationella luftfartyg som inte regleras av EASA utan av det svenska regelverket BCL-M.

TITEL:	Uppgradering av "Aviation Communication & Surveillance System" (ACSS) "Traffic Alert and Collision Avoidance System" (TCAS) Apparater.
GÄLLER	"Aviation Communication & Surveillance System" (ACSS) "Traffic Alert and Collision Avoidance System" (TCAS) Apparater med partnummer identifierade i "Technical Newsletter" 8008359, Revision B, daterad 03 augusti 2011 i enlighet med FAA AD 2012-02-08.
REVISION:	-
ÅTGÄRD:	Utför åtgärder i enlighet med bifogad FAA AD 2012-02-08. Refererad AD finns även tillgänglig på följande Internetadress: www.airweb.faa.gov .
TID FÖR ÅTGÄRD:	Enligt FAA AD 2012-02-08
UNDERLAG:	Enligt FAA AD 2012-02-08, paragraf (c) i tabell Nr1 korsreferenslist med partnummer till associerade "ACSS Service Bulletin". För alternativa underlag/förfaringssätt att uppfylla denna LVD, se "Alternative Methods of Compliance" i refererad FAA AD 2012-02-08.
REFERENS:	FAA AD 2012-02-08
BESLUTSDATUM:	15 februari 2012
BESLUT:	TSL 2012-792

Åtgärder enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11.

Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senast gällande revision/utgåva.

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2012-02-08 Aviation Communication & Surveillance Systems, LLC: Amendment 39-16931;
Docket No. FAA-2010-1204; Directorate Identifier 2010-NM-147-AD.

(a) Effective Date

This AD is effective March 13, 2012.

(b) Affected ADs

None.

(c) Applicability

This AD applies to Aviation Communication & Surveillance Systems (ACSS) traffic alert and collision avoidance system (TCAS) units with part numbers identified in ACSS Technical Newsletter 8008359, Revision B, dated August 3, 2011, as installed on but not limited to various transport and small airplanes, certificated in any category.

Note 1 to paragraph (c) of this AD: Table 1 of this AD also provides a cross-referenced list of part numbers with associated service bulletins to help operators identify affected parts.

Table 1—Service Bulletin and LRU Cross-Reference

ACCS Product -	Affected LRU Part Numbers (P/Ns) -	ACSS Service Bulletin -
TCAS 3000SP	9003500-10900, -10901, -10902, -55900, -55901, -55902, -57901, -65900, -65901, -65902	8008221-001, Revision 01, dated February 4, 2011 (ATA Service Bulletin 9003500-34-6014)
TCAS 3000SP	9003500-10001, -10002, -10003, -10004, -55001, -55002, -55003, -55004, -65001, -65002, -65003, -65004	8008222-001, Revision 01, dated February 4, 2011 (ATA Service Bulletin 9003500-34-6015)
TCAS 3000SP	9003500-10802	8008223-001, Revision 01, dated February 4, 2011 (ATA Service Bulletin 9003500-34-6016)
TCAS 2000	7517900-10003, -10004, -10006, -10007, -10011, -55003, -55004, -55006, -55007, -55009, -55011, -71003, -71004, -71006, -71007, -71011	8008229-001, Revision 02, dated June 28, 2011 (ATA Service Bulletin 7517900-34-6040)
TCAS II	4066010-910, -912	8008230-001, Revision 02, dated June 28, 2011 (ATA Service Bulletin 4066010-34-6036)

ACCS Product -	Affected LRU Part Numbers (P/Ns) -	ACSS Service Bulletin -
Military TCAS 2000	7517900-56101, -56102, -56104, -56105, 56107	8008231-001, Revision 02, dated June 28, 2011 (ATA Service Bulletin 7517900-34-6041)
T2CAS	9000000-10002, -10003, -10004, -10005, -10006, -10008, -10204, -10205, -10206, -10208, -20002, -20003, -20004, -20005, -20006, -20008, -20204, -20205, -20206, -20208, -55002, -55003, -55004, -55005, -55006, -55008, -55204, -55205, -55206, -55208	8008233-001, Revision 03, dated June 30, 2011 (ATA Service Bulletin 9000000-34-6016)
T2CAS	9000000-10110, -11111	8008234-001, Revision 02, dated June 30, 2011 (ATA Service Bulletin 9000000-34-6017)
TCAS 3000	9003000-10001, -10002, -10003, -55001, -55002, -55003, -65001, -65002, -65003	8008235-001, Revision 02, dated February 3, 2011 (ATA Service Bulletin 9003000-34-6006)
Military TCAS 2000 MASS	7517900-20001, -20002, -65001, -65002	8008236-001, Revision 03, dated June 30, 2011 (ATA Service Bulletin 7517900-34-6042)
Military T2CAS MASS	9000000-30006, -40006, -60006	8008238-001, Revision 02, dated June 30, 2011 (ATA Service Bulletin 9000000-34-6018)

(d) Subject

Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 34, Navigation.

(e) Unsafe Condition

This AD was prompted by reports of anomalies with TCAS units during a flight test over a high density airport. The TCAS units dropped several reduced surveillance aircraft tracks because of interference limiting. We are issuing this AD to prevent TCAS units from dropping tracks, which could compromise separation of air traffic and lead to subsequent mid-air collisions.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Upgrade Software

Within 36 months after the effective date of this AD, upgrade software for the ACSS TCAS, in accordance with the Accomplishment Instructions of the applicable ACSS publication identified in table 1 of this AD.

Note 2 to paragraph (g) of this AD: ACSS Service Bulletin 8008233-001 (ATA Service Bulletin 9000000-34-6016), Revision 03, dated June 30, 2011, contains three part numbers (P/Ns 9000000-10007, -20007, and -55007) that were never produced.

(h) Credit for Actions Done in Accordance With Previous Service Information

A software upgrade done before the effective date of this AD in accordance with the applicable service bulletin identified in paragraphs (h)(1) through (h)(13) of this AD is acceptable for compliance with the requirements of paragraph (g) of this AD.

(1) ACSS Service Bulletin 8008221-001 (ATA Service Bulletin 9003500-34-6014), dated May 27, 2010.

(2) ACSS Service Bulletin 8008222-001 (ATA Service Bulletin 9003500-34-6015), dated May 27, 2010.

(3) ACSS Service Bulletin 8008223-001 (ATA Service Bulletin 9003500-34-6016), dated May 27, 2010.

(4) ACSS Service Bulletin 8008229-001 (ATA Service Bulletin 7517900-34-6040), Revision 01, dated September 30, 2010.

(5) ACSS Service Bulletin 8008230-001 (ATA Service Bulletin 4066010-34-6036), Revision 01, dated February 1, 2011.

(6) ACSS Service Bulletin 8008231-001 (ATA Service Bulletin 7517900-34-6041), Revision 01, dated October 15, 2010.

(7) ACSS Service Bulletin 8008233-001 (ATA Service Bulletin 9000000-34-6016), Revision 02, dated February 1, 2011.

(8) ACSS Service Bulletin 8008234-001 (ATA Service Bulletin 9000000-34-6017), Revision 01, dated February 1, 2011.

(9) ACSS Service Bulletin 8008235-001 (ATA Service Bulletin 9003000-34-6006), dated June 4, 2010.

(10) ACSS Service Bulletin 8008236-001 (ATA Service Bulletin 7517900-34-6042), dated May 27, 2010.

(11) ACSS Service Bulletin 8008236-001 (ATA Service Bulletin 7517900-34-6042), Revision 02, dated February 1, 2011.

(12) ACSS Service Bulletin 8008238-001 (ATA Service Bulletin 9000000-34-6018), dated June 4, 2010.

(13) ACSS Service Bulletin 8008238-001 (ATA Service Bulletin 9000000-34-6018), Revision 01, dated February 1, 2011.

(i) Alternative Methods of Compliance (AMOCs)

(1) The Manager, Los Angeles Aircraft Certification Office (ACO), FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the manager of the ACO, send it to the attention of the person identified in the Related Information section of this AD.

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office.

(j) Related Information

For more information about this AD, contact Abby Malmir, Aerospace Engineer, Systems and Equipment Branch, ANM-130L, FAA, Los Angeles Aircraft Certification Office (ACO), 3960

Paramount Boulevard, Lakewood, California 90712-4137; phone: (562) 627-5351; fax: (562) 627-5210; email: abby.malmir@faa.gov.

(k) Material Incorporated by Reference

(1) You must use the following service information to do the actions required by this AD, unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference (IBR) of the following service information under 5 U.S.C. 552(a) and 1 CFR part 51:

(i) ACSS Service Bulletin 8008221-001, Revision 01, dated February 4, 2011 (ATA Service Bulletin 9003500-34-6014).

(ii) ACSS Service Bulletin 8008222-001, Revision 01, dated February 4, 2011 (ATA Service Bulletin 9003500-34-6015).

(iii) ACSS Service Bulletin 8008223-001, Revision 01, dated February 4, 2011 (ATA Service Bulletin 9003500-34-6016).

(iv) ACSS Service Bulletin 8008229-001, Revision 02, dated June 28, 2011 (ATA Service Bulletin 7517900-34-6040).

(v) ACSS Service Bulletin 8008230-001, Revision 02, dated June 28, 2011 (ATA Service Bulletin 4066010-34-6036).

(vi) ACSS Service Bulletin 8008231-001, Revision 02, dated June 28, 2011 (ATA Service Bulletin 7517900-34-6041).

(vii) ACSS Service Bulletin 8008233-001, Revision 03, dated June 30, 2011 (ATA Service Bulletin 9000000-34-6016).

(viii) ACSS Service Bulletin 8008234-001, Revision 02, dated June 30, 2011 (ATA Service Bulletin 9000000-34-6017).

(ix) ACSS Service Bulletin 8008235-001, Revision 02, dated February 3, 2011 (ATA Service Bulletin 9003000-34-6006).

(x) ACSS Service Bulletin 8008236-001, Revision 03, dated June 30, 2011 (ATA Service Bulletin 7517900-34-6042).

(xi) ACSS Service Bulletin 8008238-001, Revision 02, dated June 30, 2011 (ATA Service Bulletin 9000000-34-6018).

(xii) ACSS Technical Newsletter 8008359, Revision B, dated August 3, 2011.

(2) For service information identified in this AD, contact Aviation Communication & Surveillance Systems, LLC, 19810 North 7th Avenue, Phoenix, Arizona 85027-4741; phone: (623) 445-7040; fax: (623) 445-7004; email: 3com.com">acss.orderadmin@L-3com.com; Internet: <http://www.acss.com>.

(3) You may review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington. For information on the availability of this material at the FAA, call (425) 227-1221.

(4) You may also review copies of the service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at an NARA facility, call (202) 741-6030, or go to http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Issued in Renton, Washington, on January 17, 2012.
Ali Bahrami,
Manager, Transport Airplane Directorate,
Aircraft Certification Service.