



Aviation Communication & Surveillance Systems
19810 North 7th Ave
Phoenix, AZ 85027-4400
(623) 445-7000 Fax: (623) 445-7001

October 22, 2006

Federal Aviation Administration
Spectrum Engineering Division
AES-500
800 Independence Avenue, S.W.
Washington, D.C. 20591

Subject: Notification of Intent to File for FCC Certification for ACSS TCAS 3000 part numbers 9003000-55001 and 9003000-65001 Traffic Collision Avoidance System (TCAS)

To Whom It May Concern:

In accordance with FCC Rules and Regulations Part 87, Paragraph 87.147(d3), notification is hereby given of ACSS to file for FCC Certification for the ACSS TCAS 3000 part numbers 9003000-55001 and 9003000-65001.

The TCAS3000 9003000-55001 and 9003000-65001 are FAA TSO'd to the following TSOs:

- C119b, Traffic Alert and Collision Avoidance System Airborne Equipment

Sincerely,

Stacey Rowlan
TCAS Engineering Manager

Documents Enclosed: See Sheet 2.

Documents Enclosed

1. ACSS letter of intent to file for FCC Certification dated April 13, 2006.
2. FCC Compliance Report for TCAS 3000, ACSS Drawing 8002224-001, Rev -.
 - Test Report Data
 - Functions of Semiconductors
 - Circuit Descriptions
 - Equipment Photographs
3. ACSS Acceptance Test Procedures for TCAS 3000, ACSS Drawing No. 8002217-001 Rev D.
4. ACSS TCAS3000 Test Requirements Document, ACSS Drawing No. 8002216-001, Rev C
5. TCAS3000 Block Diagrams.
6. TCAS 3000 End Item Assembly Drawing, ACSS Drawing No. 9003000-55001, Rev G.
7. TCAS 3000 Assembly 4MCU Drawing, ACSS Drawing No. 9003000-55, Rev C.
8. TCAS 3000 End Item Assembly Drawing, ACSS Drawing No. 9003000-65001, Rev G.
9. TCAS 3000 Assembly 4MCU Drawing, ACSS Drawing No. 9003000-65, Rev C.
10. TCAS3000 Circuit Card Assembly - A1 Interconnect, ACSS Drawing No. 9003010-002, Rev -.
11. TCAS3000 Circuit Card Assembly - A2 TCAS Processor, ACSS Drawing No. 9003020-003, Rev D.
12. TCAS3000 Circuit Card Assembly - A3 TCAS Transmitter Assembly, ACSS Drawing No. 7517935-903, Rev -.
13. TCAS3000 Circuit Card Assembly - A3A2 TCAS Transmitter CCA, ACSS Drawing No. 7517935-912, Rev A.
14. TCAS3000 Circuit Card Assembly - A4 Power Supply, Drawing No. 9003030-002, Rev E.
15. TCAS3000 Circuit Card Assembly - A5 TCAS Receiver I/O, Drawing No. 7517945-905, Rev B.
16. Outline and Installation of TCAS3000 4MCU (DC), ACSS Drawing No. 9003001-001, Rev A.
17. Outline and Installation of TCAS3000 4MCU (AC/DC), ACSS Drawing No. 9003001-002, Rev A.
18. Labels for TCAS 3000, ACSS Drawing No. 9000299 Rev K