



ACSS ANNOUNCES CUSTOMER TRAINING FOR 2012

Aviation Communication and Surveillance Systems (ACSS), an L-3 Communications and Thales Company, is pleased to announce the following training courses to be held at the main facility in Phoenix, Arizona:

TCAS/ Mode S Transponder System

T²CAS – Terrain and Traffic Collision Avoidance System

TAWS + – Terrain Awareness Warning System

SafeRoute – ADS-B In Applications System

GENERAL COURSE INFORMATION

Classes will begin each day at 8:30 AM and end at 4:00 PM. All necessary student materials are provided.

These courses are designed to Level I + maintenance requirement for the Industry.

A description of each course is included in this form.

For additional information, contact the Training Registrar at (866) 381-7734 (toll-free in U.S. and Canada) or (623) 445-7023 (all others) or visit our web site at www.acssonboard.com.

LOCATION:

19810 North 7th Ave., Phoenix, Arizona 85027-4400



T²CAS – Terrain and Traffic Collision Avoidance System TAWS+ – Terrain Awareness Warning System

Dates	Course Title	Registration Deadline
April 10, 2012	TAWS+/T ² CAS System	March 15, 2012
October 9, 2012	TAWS+/T ² CAS System	September 14, 2012

The T²CAS System is a TCAS system (based on the TCAS 2000 System) that includes Terrain Awareness functions, an Airborne Windshear Warning System (optional), and a Global Positioning System (GPS) (optional). TAWS+ is the ACSS standalone Terrain Awareness Warning System (TAWS) system that includes Terrain Awareness functions, an Airborne Windshear Warning System (optional) and a Global Positioning System (GPS) (optional).

This course is designed to supplement the TCAS/ATDL Mode S Transponder System course for ACSS customers that require T²CAS or TAWS+ familiarization. This training course teaches students system description, flight operations, maintenance procedures (including periodic terrain data base updates), interface and general aircraft maintenance procedures for the TAWS, Windshear and GPS functions of the T²CAS and TAWS+ LRUs. The course includes system description, interface protocol, signal specifications, and ramp testing for T²CAS and TAWS+. A thorough description of LRU end item test requirements, aircraft ground test procedures, and typical flight test procedures is also included. Some computer based training will also be utilized.

Note: T²CAS customers requiring familiarization with the TCAS functions of the T²CAS LRU should attend the TCAS/Mode S course listed below as well.

PREREQUISITES:

None.

DURATION:

1 day

TCAS / Mode S Transponder System

Dates	Course Title	Registration Deadline
April 11, 2012	TCAS 2000/ATDL Mode S Transponder System	March 15, 2012
October 10, 2012	TCAS 2000/ATDL Mode S Transponder System	September 14, 2012

The TCAS System is configured for installations in all aircraft types including Commercial Air Transport, Regional, and General Aviation aircraft types. The training course teaches students system description, flight operations, maintenance procedures, interface and general aircraft maintenance procedures. The major components discussed in this course include the TCAS computer, Mode S transponder, control panels, VSI/TRA display and directional antenna. The course also includes interface protocol, signal tracing and specifications, internal and external circuit path analysis, and ramp testing for both the TCAS computer and Mode S transponder. A thorough description of LRU end item test requirements, aircraft ground test procedures, and typical flight test procedures is also included. Some computer-based training will also be utilized.

Note: T²CAS customers requiring familiarization with the TCAS functions of the T²CAS LRU should attend this course.

PREREQUISITES:

None.

DURATION:

1 day



SafeRoute – ADS-B In

Dates	Course Title	Registration Deadline
April 12, 2012	SafeRoute	March 15, 2012
October 11, 2012	SafeRoute	September 15, 2012

SafeRoute is the suite of Automatic Dependant Surveillance – Broadcast, or ADS-B, In applications that ACSS has certified for operation. The course will cover familiarization with the main SafeRoute applications – SAMM, M & S and CAVS. SAMM, or Surface Area Movement Management, is an ADS-B In application that provides the flight crew with an airport moving map, ownship location on the map, and the location of traffic on the airport surface. The Merging and Spacing, or M & S, application is a Flight Deck based interval management function intended to help streamline airline arrivals. The CDTI Assisted Visual Separation, or CAVS, application, is an interval management application intended to aid flight crews in maintaining appropriate separation during final approach. Each of these applications will be discussed in detail, along with a brief discussion of ADS-B and how it differs from standard Mode S broadcasts. Finally, an overview of maintenance procedures unique to the ADS-B In system will be discussed.

Note: SafeRoute customers requiring familiarization with the TCAS functions of the SafeRoute LRU should attend the TCAS/Mode S course listed above as well.

PREREQUISITES:

Students should have a good understanding of RF related products, Air Traffic Control procedures, and basic understanding of analog, digital and ARINC protocols.

DURATION:

1 day

ENROLLMENT

To better serve our customers, a single point of contact through our Training Registrar will coordinate all training enrollment requests. For enrollment information in advertised courses, simply contact the Training Registrar at (866) 381-7734 (toll-free in U.S. and Canada) or (623) 445-7023 (all others) or send your inquiry via e-mail to training.team@l-3com.com. We would appreciate your cooperation in adhering to the following procedure to help us reduce trainee no-shows and maximize customer participation.

Enrollment Procedure:

1. The customer completes the enrollment form on the following page.
2. Forward the form, and copy of passport if required, via one of the following:
 - a. Fax to **Training Team** at (623) 445-7001.
 - b. E-mail to training.team@l-3com.com.
 - c. Mail to: ACSS
Attn: Training Registrar
19810 North 7th Ave.
Phoenix, AZ 85027-4400
3. An enrollment form, and copy of passport if applicable, is required for each student attending a course.
4. The Training Registrar will provide final confirmation of enrollment by letter, fax, or e-mail.
5. If tuition charges apply, payment and amount will be provided with your confirmation letter.

General Enrollment Information:

1. Written requests for enrollment are required. Please use the enrollment form following this page. Reproduced copies are acceptable. All inquiries will be acknowledged.
2. Enrollments are accepted on a first-come, first-serve basis.
3. If enrollment requests exceed space available, enrollments will be accepted based on the date and time the enrollment form is recorded. Class size is limited to 15 students. The numbers of students that can be enrolled from a single customer or agency may be limited, depending on the number of other students.
4. If unforeseen circumstances require course postponement or cancellation, ACSS will normally provide a minimum of one-week notice.
5. Attendance is normally limited to customers or aircraft manufacturers using ACSS products. For more information, contact the Training Registrar.
6. If it becomes necessary for a registered student to withdraw from a class, please advise the Training Registrar at least 10 working days before the first day of class so students on standby status can be enrolled.
7. Due to the high demand for courses, any student withdrawals without a 10-day notice may be subject to full tuition charges, if applicable. We ask for your cooperation so that we may better serve all of our customers.
8. General student information (date, location, and start time) will be forwarded with final confirmation of enrollment.
9. If information about local hotels is required, please check the appropriate box on the Enrollment Form.
10. All study materials provided are marked "FOR TRAINING PURPOSES ONLY" and are not under revision/update control.
11. Limitations on the reproduction or further distribution of training materials may be identified on the training documents. Non-U.S. citizens may be asked to sign a Letter of Assurance form where required by U.S. export law (recipient of data agrees not to make data available to citizens of designated countries).
12. A passport must be presented by all non-U.S. citizens when checking in at ACSS on the first day of training for admittance to the training facility in Phoenix. Also, a photocopy of their passport must be sent with the Enrollment Form.
13. All registered students will be screened in accordance with all Federal and Company Regulations.



Please send the completed form to us via fax at (623) 445-7001 or e-mail to training.team@l-3.com.

ENROLLMENT FORM

ENROLLMENT PROCESS:

1. A completed and signed ACSS Training Enrollment Form is required for enrollment into all training courses.
2. Enrollment forms must be faxed, e-mailed, or mailed to the Training Registrar.
3. **IMPORTANT:** If the student is not a U.S. citizen, a photocopy of their current passport is **required** to be included with this form.
4. Enrollments are accepted on a first-come, first-serve basis.
5. If unforeseen circumstances exist which result in course postponement or cancellation, ACSS will normally provide a minimum of one-week notice.
6. Final confirmation of enrollment will be provided by letter, fax, or e-mail.
7. A purchase order may be required to guarantee admittance into a course. We will notify you if payment applies.
8. **Print or type all information. Please complete the required information below.**

Last Name		First Name (Legal Name)			Job Title	
Company		Customer Account No. (If available)			Citizenship	
Company Street Address						
City	State/Province	Country	Zip/Postal Code	Company Phone	Extension	
Company Fax (Optional)		E-Mail (Optional)				
Course Title				Course Start Date		

CUSTOMER CATEGORY (Please check appropriate box and provide information required):

X	CUSTOMER CATEGORY	ADDITIONAL INFORMATION
<input type="checkbox"/>	Commercial Airline	
<input type="checkbox"/>	Government Agency (Non-Military, FAA, DOT, NTSB)	
<input type="checkbox"/>	Military Customer	
<input type="checkbox"/>	ACSS Authorized Service or Repair Center	
<input type="checkbox"/>	Original Equipment Manufacturer	
<input type="checkbox"/>	Avionics Dealer/Distributor	Dealer/Distributor Number: _____
<input type="checkbox"/>	General Aviation/Agriculture	Aircraft Type: _____
<input type="checkbox"/>	ACSS Associate	Department: _____
<input type="checkbox"/>	Owner/Operator (Business Aviation)	Aircraft Type: _____
<input type="checkbox"/>	Regional Airline	Aircraft Type: _____
<input type="checkbox"/>	Other	Specify: _____

CANCELLATION POLICY

If it becomes necessary for a registered student to withdraw from a class, please advise the Training Registrar at least 10 working days before the first day of class so students on a standby status can be enrolled. We ask your cooperation so that we may better serve all of our customers. **All cancellations must be in writing.**

TUITION CHARGES

Training courses are normally free-of-charge to ACSS customers and dealers. If a tuition charge applies, you will be notified upon receipt of your Enrollment Form. For more information on course tuition charges, please contact the Training Registrar.

CONFIRMATION SIGNATURE

I have read, understand, and agree to the ACSS Training Tuition and Enrollment Process and Cancellation Policy.

Name of Management Representative authorized to approve this student's attendance:

Name (Please print or type): _____ Date: _____

Signature: _____ Please send me information about local hotels.