CFIT is a leading cause of fatalities in commercial aviation. Approach and landing accidents (ALA) cause over 50% of all accidents at every level of aviation. Starting in 1992, the Flight Safety Foundation conducted a major effort to identify the causes of CFIT and ALA, develop interventions, and get this critical information to aviation personnel around the world. The product of this effort is the ALAR (approach and landing accident reduction) tool kit. This tool kit consolidates the data, products, findings, conclusions, and recommendations of over 300 international aviation experts. The Flight Safety Foundation’s controlled flight into terrain and approach and landing action group (CAAG) conducts regional ALAR workshops to get this important safety information to the people who can use it. All aviation related organizations and individuals are encouraged to attend these workshops. We recommend attendees include; operators (commercial, cargo, and corporate), pilot groups, regulators, airports, and ATC representatives. At the workshops, the CAAG team provides briefings on the history of the ALAR effort, some background on the region’s safety statistics, and a detailed discussion of each element of the ALAR tool kit. This discussion includes what each element is, why it is in the tool kit, and some recommendations on how it might be used. The team also addresses the Foundation’s latest effort on reducing the risk of runway excursions. Some suggested practical applications of the ALAR material are also presented.

The Flight Safety Foundation’s CAAG has conducted 32 highly successful workshops around the world in Miami, Mexico City, Cairo, Iceland, Bangkok, Nairobi, Johannesburg, Perth, Melbourne, Bejing, Dakar, Moscow, Brussels, Dubai, Bahrain, Korea, Washington DC, Christchurch, Anchorage, Abu Dhabi, Muscat, New Delhi, Caracas, Tokyo, Baku, Bangladesh, Brisbane, Tripoli, Pretoria, and Taipei. The aviation authorities in Mexico, India, and Cuba have made ALAR training based on the ALAR tool kit mandatory for all pilots.

CFIT and approach and landing accidents continue to be a major challenge for aviation. The ALAR tool kit and the ALAR workshops are designed to meet that challenge, and to assist attendees to reduce the risk of these killers in aviation.