

PROFESSIONAL AVIATION TRAINING

# Falcon Advanced CRM/ Human Factors LOFT

## *Course Information*

The Advanced CRM/Human Factors LOFT (Line Oriented Flight Training) event is a highly integrated and challenging training event created to assess CRM aspects of a flight crew's performance during a long range international flight. During the flight, aircraft issues are encountered that significantly impact the passengers which require complex decision making by the crew. An optimal outcome for the passengers and crew hinges upon the crew's competency in: decision making, coordination, communication, monitoring skills, intervention protocols, resilience to unforeseen events and response to a startling event. The crew's proficiency in CRM (non-technical) skills will be highlighted and selected aspects identified for subsequent discussion.

The LOFT requires 4 hours in the simulator for a crew of 2 pilots. Prior to attendance, the crew is sent a trip notice typical of their flight department. The crew will need to plan the trip exactly as they would in their department and brief the instructor on their planning during the LOFT's 1 hour pre-brief session. The crew will do everything except actually file the flight plan. The LOFT will begin and be allowed to continue to its logical conclusion without instructor intervention. There will normally be some time remaining for the instructor to allow practice of any technical aspects requiring revision. The extended debrief will feature a detailed and facilitated analysis with emphasis on the crew's CRM attributes. It will focus on gaining the crew's self-recognition of the behavioral factors affecting their human performance and of the CRM and crew communication issues that arise. Significant use of the SimVu post briefing tool will be used to "relive" the LOFT as needed.

The objective of the course is to show that no matter how competent one might be technically, weaknesses in communication and CRM skills can often lead to an unsatisfactory or unexpected outcome. This course is designed to challenge the crew and highlight strengths in their CRM skills. The crew will be trained to proficiency prior to the end of the simulator portion. The crew's CRM/Human Factors will be discussed during the post-brief and experienced advice given collaboratively on how the crew can improve.

Course Curriculum	6.5 Hours
<b>Course Module</b>	
Briefing/Debriefing	2.5 hours
Simulator	4.0 hours
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<b>Falcon 2000EX EASy</b>	
<b>Falcon 7X</b>	

**Prerequisite** – Pilots must be currently flying as a crew within the same flight department, and have trained in the LOFT's make and model within the last 12 months with FlightSafety.

**Training is available at the following Learning Centers:**

- Falcon 2000EX EASy – Dallas North and Teterboro
- Falcon 7X – Dallas North

**Course Dates** – This course is scheduled on request. Please visit our website at [www.flightsafety.com](http://www.flightsafety.com) or contact the Learning Center listed below.

## Training Locations & Contact Information

Dallas North, Texas • 866-486-8733 • 972-534-3200 • [dfw@flightsafety.com](mailto:dfw@flightsafety.com)  
Teterboro, New Jersey • 800-827-8058 • 201-528-0100 • [teterboro@flightsafety.com](mailto:teterboro@flightsafety.com)