



## COURSE OUTLINE

# REALcase maintenance training

## REALcase Course Concept:

The REALcase concept utilizes fleet operational data/information that is acquired from the manufacturer and/or operators, spanning the 12 to 18 month period preceding the course. Information relevant to the operation, maintenance and troubleshooting of the aircraft, is presented during the course for review, analysis and discussion. Emphasis is placed on applicable maintenance considerations, manufacturer recommendations, troubleshooting and dispatch decisions.

### REALcase Update

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#### Course Objectives:

- Better understand the latest in-service difficulties and/or operational issues experienced by fleet operators and reported to the OEM
- Understand and apply the latest manufacturer's documentation, recommendations and operational maintenance procedures. Including Service Letters, Service Bulletins, and current client scenarios
- Have increased technical understanding of the aircraft's core systems (with additional emphasis on particular systems the client may wish to focus on)
- Troubleshoot and isolate failures of specific systems or components

### REALcase Troubleshooting

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#### Course Objectives:

- Understand and apply the OEM's recommended approach as it pertains to operational maintenance procedures and best practices pertaining to aircraft system troubleshooting
- Identify and describe the maintenance fault isolation procedures and techniques utilized during aircraft troubleshooting activities and/or dispatch decision making
- Describe various aircraft troubleshooting analytical approaches
- Perform in depth circuit analysis and utilize OEM data relevant to aircraft troubleshooting
- Describe the operation of aircraft onboard maintenance diagnostic system as applicable to the troubleshooting scenarios presented during the course
- Enact a plan of action during troubleshooting activities

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