



ICAO SAFETY

# Module 6

Step-by-step processing of an  
Emergency locator transmitter (ELT) (DT) Alert

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**Global Aeronautical Distress and Safety System (GADSS)  
Workshop**  
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## IAMSAR Manual Volume II, Appendix V

- ✈ The 2022 edition of the IAMSAR Manual will include a comprehensive overview of ADT.
- ✈ IAMSAR Manual Volume II, Appendix V “Autonomous distress tracking of aircraft in flight”
- ✈ Figure 1 “Schematic sequence of events arising from an ADT device activation” – consider this a flowchart.



# IAMSAR Manual ADT flowchart Figure 1

- ✈ English and Spanish text in this presentation.
- ✈ We will discuss each step, one at a time
- ✈ This is your opportunity to get a clear understanding of ADT actions and what the other stakeholders will do (or not do) – focus is on the ELT(DT) ADT device.
- ✈ Stakeholders need to develop common procedures and practices



## ADT flowchart Figure 1 discussion points

- ✈ Is English and Spanish translation correct?
- ✈ Do you understand each of the actions expected?
- ✈ Does Figure 1 need improvement?
- ✈ Are there changes to make for inclusion in the next edition (2025) of the IAMSAR Manual?
- ✈ Your points to include.



El Sistema de ADT detecta la condición de peligro/la tripulación de vuelo activa manualmente el dispositivo de ADT



El dispositivo de ADT empieza a transmitir los datos



El LADR recibe la información sobre la posición



El LADR envía una notificación acerca de la presencia de la información sobre la posición al operador de la aeronave



El operador de la aeronave valida la activación del dispositivo de ADT y la naturaleza del suceso



ADT system detects distress condition/flight crew manually activate ADT device



ADT device begins transmitting data



Position information is received by LADR

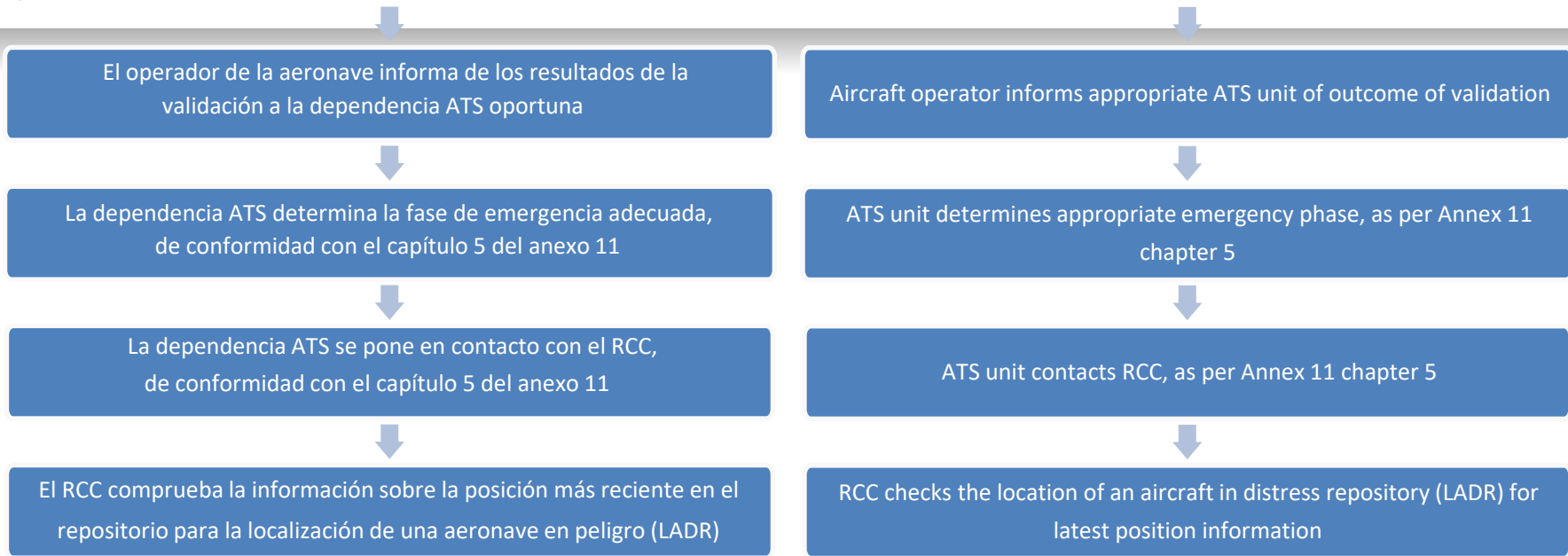


LADR sends notification of presence of position information to aircraft operator



Aircraft operator validates the activation of the ADT device, and the nature of the incident









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