

BRAZILIAN AIR FORCE



COSPAS-SARSAT IN BRAZIL



Gustavo Rossi Captain Aviator / SMC

Search and Rescue – Department of Airspace Control



• BRASÍLIA

3 LEOLUT

• RECIFE

MANAUS

2 GEOLUT

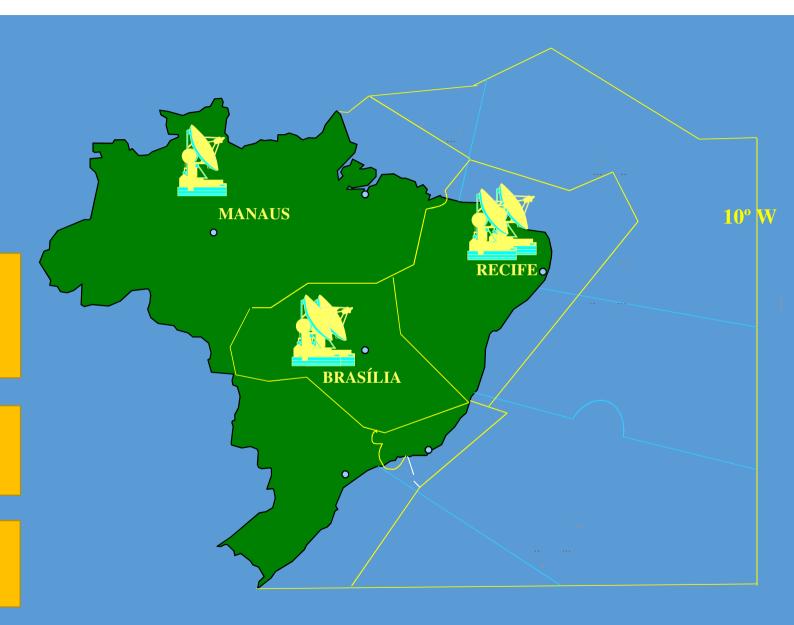
• BRASÍLIA

• RECIFE

2 MEOLUT

• BRASÍLIA

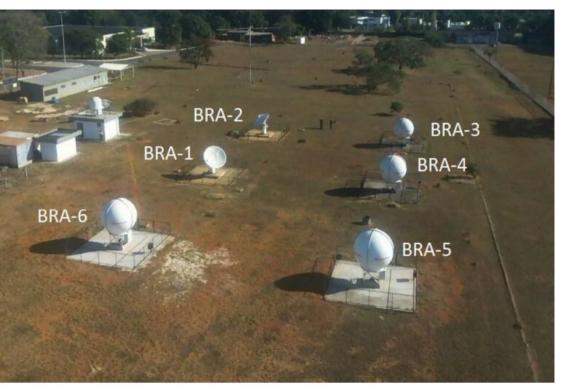
• RECIFE





NEW MEOLUT'S IN BRAZIL





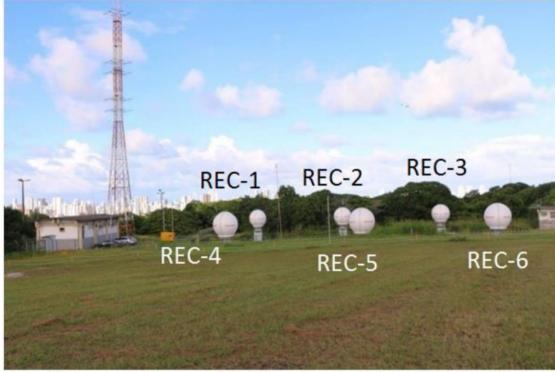


Figure 1: MEOLUT Brasília (7106)

Figure 2: MEOLUT Recife (7107)

ANNEX 6



6.17 Emergency locator transmitter (ELT)

6.17.3 All aeroplanes authorized to carry more than 19 passengers for which the individual certificate of airworthiness is first issued after 1 July 2008 shall be equipped with at least two ELTs, one of which shall be automatic, unless the aeroplane meets the requirements of 6.18.

Editorial note.— Insert new paragraph 6.18 as follows:

6.18 Location of an aeroplane in distress

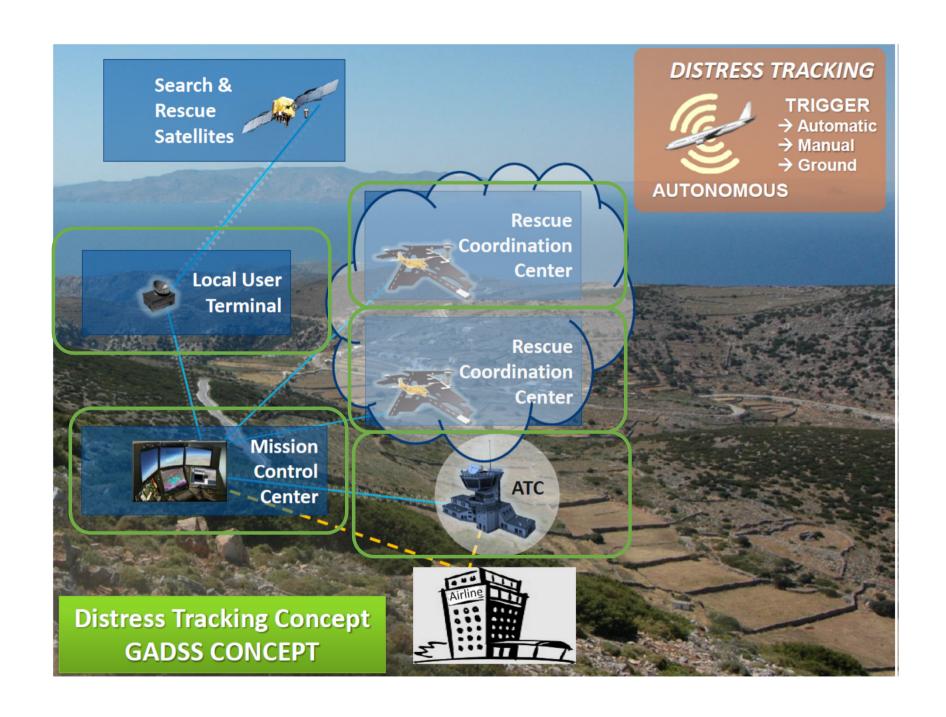
6.18.1 All aeroplanes of a maximum certificated take-off mass of over 27 000 kg for which the individual certificate of airworthiness is first issued on or after 1 January 2021, shall autonomously transmit information from which a position can be determined by the operator at least once every minute, when in distress, in accordance with Appendix XX.

6.18.2 Recommendation.— All aeroplanes of a maximum certificated take-off mass of over 5 700 kg for which the individual certificate of airworthiness is first issued on or after 1 January 2021, should autonomously transmit information from which a position can be determined at least once every minute, when in distress, in accordance with Appendix XX.

Produced by:

Ad-hoc Working (on Aircraft Tracki





In-Flight Test 2





ELT-DT Trials in Brazil – September 2016



- Brazil, France, Russian
- Hawker 800 Special Flight Inspection Group (GEIV) Brazilian Air Force
- ACR Artex ELT
 - First burst 5 sec; after burst every 50 sec +/-2,5 sec (JC-30 decided 28,5sec);
 - Battery life 24h
- TRIALS:
 - A 15 minutes ON;
 - B 5 minutes ON / 5 minutes OFF (total 20 minutes);
 - C − 30 seconds ON / 3,5 minutes OFF (total 20 minutes).





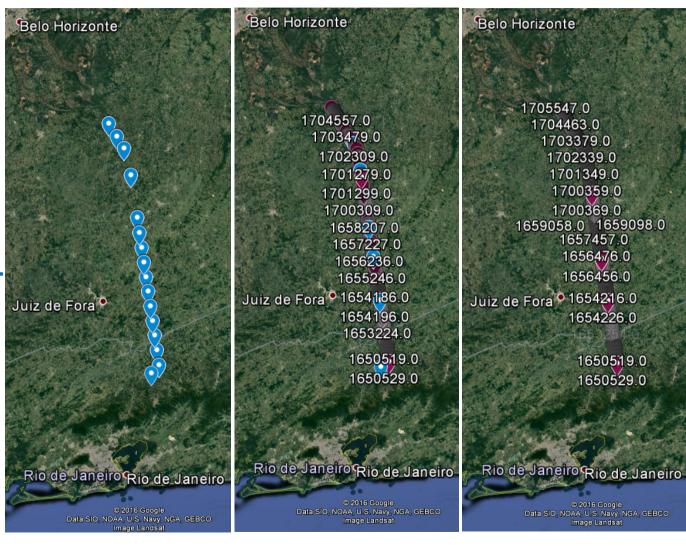




ELT-DT Trials in Brazil – Initial Results



Distress Alerts received from COSPAS-SARSAT





Route of Flight





Gustavo Rossi Captain Aviator / SMC Search and Rescue – Department of Airspace Control

gustavorossiggr@decea.gov.br gustavo_rossi51@hotmail.com +(55)21-996234544 +(55)21-21016544