



EASA Safety Information Bulletin

SIB No.: 2014-06
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- Subject:** **ATC Communications to Aircraft Flight Crew during Missed Approach**
- Ref. Publications:** BEA '[Study on Aeroplane State Awareness during Go-Around](#)' of August 2013
 Commission Regulation (EU) No [805/2011](#)
 ICAO Doc 4444
 ICAO [Annex 10 Volume II](#)
- Applicability:** Civil Aviation Authorities, Air navigation service providers, ATCO Training Organisations, Air Traffic Controllers.
- Description:** In 2013, the BEA (Bureau d'Enquêtes et d'Analyses pour la sécurité de l'aviation civile) published a 'Study on Aeroplane State Awareness during Go-Around', emphasizing the risk associated with the issuance of instructions by air traffic controllers to flight crews which, in case of a go around, in practice are not in accordance with the published missed approach procedure.
- The Study highlights the high workload experienced by the flight crew during such delicate phase of flight. In many modern aircraft, an automated system supports the performance of missed approaches, according to the published procedures.
- A change in the published missed approach procedure communicated to the flight crew, at the initiation of the go around, results in an increase of the workload for the flight crew and, consequently, of the level of risk for the safe conduct of the flight. In addition, ineffective communication from air traffic controllers during a go around could lead to distraction and further increase of the workload of the flight crew, which may have an adverse impact on safety.
- The Study also identified that providing an appropriate training to air traffic controllers on the correct application of the published missed approach procedures during go around, constitutes an adequate safety barrier.

This is information only. Recommendations are not mandatory.

Recommendation(s): EASA recommends the following:

- (a) Air Navigation Service Providers should instruct air traffic controllers to limit, to the maximum extent, the issuance of instructions to flight crews that would modify the published missed approach procedures in case of go around.
- (b) Air Navigation Service Providers and Air Traffic Controller Training Organisations should emphasise, during all phases of air traffic controllers training:
 - (1) the importance of effective communication to flight crew performing a missed approach; and
 - (2) the benefits of applying the published missed approach procedure and the risks associated with modifications to such procedures.
- (c) Competent Authorities are recommended to take into account, during their safety oversight activities, the recommendations in (a) and (b) above, as appropriate.

Contact(s):

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To obtain a copy of ICAO Document 4444, contact the ICAO Customer Services Unit, telephone +1 514-954-8022, facsimile +1 514-954-6769, or by e-mail request to sales@icao.int.

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