

GENERAL SERVICE LETTER

SUPPORT AND SERVICE DIVISION
40220 Tarnos – France
Tel. (33) (0) 5 59 74 40 00

JFE/LD/CL

General Service Letter no. 3087/22

**Subject: All engines
Data supporting declared limitations exceedances.**

Dear Sir or Madam,

The purpose of this communication is to share recent experience, and provide clarification about the level of information Safran Helicopter Engines is in need of receiving when asked to review engine operating limitation¹ exceedances².

Two recently received requests to provide maintenance recommendation following engine operating limitations being exceeded, evidenced the risk associated with erroneous reporting of said exceedance. In both instances, an initial “crew event report” was received by Safran Helicopter Engines, later followed by supporting “data recording extract”.

The differences between the initial reports of the exceedance and the associated data recordings were as high as +266% (55 vs 15 sec) for the duration, and +14% for the value of the exceeded limit (here T45).

These levels of “risk of error” are not compatible with safe disposition of reported exceedances, and as a result, Safran Helicopter Engines has decided not to process requests for engine operating limitations being exceeded, UNLESS some data recording extract³ is available in order to substantiate the reported exceedance event.

We would like to encourage our Customers to install data recording equipment on their aircraft in order to assist in determining the safest dispositions and maintenance recommendations in case of engine limitations being exceeded during engine operation.

Please contact us if you require further information or assistance.

Yours sincerely,



J.F. ESCURET
Technical Support Department

¹ N1 or N2 speed, Torque, T45

² Example: “T45 limit of 865C during engine start was exceeded for a total of 3 sec, with a peak temperature of 953C°

³ Avionics recording, engine data recorder extract, voice & flight data recording, video recording