

Alert Information

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

JFE/CL/AW

Alert General Service Letter No. 3094/22

Subject: Potentially non-compliant fire detectors

Arriel 1 (excluding Arriel 1B, 1E2, 1S, 1S1)

Arriel 2 (excluding Arriel 2E, 2S1, 2S2)

Makila 1 / Makila 2

Dear Sir or Madam,

Safran Helicopter Engines was informed of three occurrences of illumination of the engine fire alarm without confirmed fire (untimely illumination) on aircraft equipped with sealed fire detectors.

The investigations related to these events revealed that the detection thresholds of the fire detectors involved were lower than their specification.

On the date of distribution of this Service Letter, the quality investigation, still in progress, identified a non-conformity in the production process of the fire detectors produced between January and June 2022 by the supplier concerned.

The fire detectors produced during this period can have a detection threshold lower than their specification, which could result in an untimely illumination of the engine fire alarm.

Please find in the Appendix the list of Part Numbers (P/N) of the fire detectors concerned.

Consequently, Safran Helicopter Engines will release, in the upcoming weeks, the Service Bulletins describing the actions to be conducted for the impacted fire detectors.

Please contact us if you require further information or assistance.

Yours faithfully,

Technical Support Department



J.F. ESCURET

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Appendix

Supplier P/N	Safran Helicopter Engines P/N	Engine family concerned
H453-1	9550104530	ARRIEL 2 MAKILA 1 MAKILA 2
H253-1	9550102530	ARRIEL 2
H342-1	9550177140	ARRIEL 1 MAKILA 1 MAKILA 2
H352-1	9550103520	MAKILA 1 MAKILA 2
H243-1	9550177130	ARRIEL 2
H443-1	9550177160	ARRIEL 2 MAKILA 2
H242-1	9550177170	ARRIEL 1

List of fire detector P/Ns concerned