

Subject: Notification of Unapproved Parts**Ref. Publications:**

None.

Applicability:

General Electric (GE) Aviation 322MFD Integrated Standby Instruments, having Part Number (P/N) 322MFD1-1(x)(y); and GE Aviation 333MFD Integrated Standby Instruments, having P/N 333MFD1-1(x)(y); and having a serial number (s/n) as identified Appendix 1 of this SIB.

These instruments are known to be installed on, but not limited to, Airbus Helicopters (formerly Eurocopter, Eurocopter France, Aérospatiale) AS 332 C, AS 332 C1, AS 332 L1 and EC225 LP helicopters, and Yaborã Indústria Aeronáutica S.A. (formerly Embraer) EMB-145 aeroplanes.

Description:

EASA has been made aware of unapproved parts, manufactured and sold by GE Aviation. Design changes were accomplished on both 322MFD and 333MFD equipment, which have not been tested in full compliance with the ETSO standard, in particular with regards to meeting the requirements for environmental qualification.

The list of the unapproved parts includes different model of stand-by instruments. Appendix 1 of this SIB provides the list of all these parts identified by s/n.

EASA is in close contact with GE Aviation and the aircraft design approval holders to consider possible requalification of the affected Integrated Standby Instruments, as well as alternative solutions. Further recommendations may follow.

At this time, the safety concern described in this SIB is not considered to be an unsafe condition that would warrant Airworthiness Directive (AD) action under Regulation (EU) [748/2012](#), Part 21.A.3B.

Recommendation(s):

Owners, operators, and maintenance organisations are recommended to:

- Check whether the related stand-by instrument is installed. This can be done by an inspection of each aircraft configuration to determine presence of any affected s/n, as identified in Appendix 1 of this SIB; and
- Inform GE Aviation and the aircraft design approval holder accordingly.

This is information only. Recommendations are not mandatory.



Contact(s):

For further information contact the EASA Programming and Continued Airworthiness Information Section, Certification Directorate, E-mail: ADs@easa.europa.eu.

For technical information or assistance, contact GE Aviation Systems Ltd. (formerly Smiths Industries, Ltd.), Bishops Cleeve, Cheltenham, Gloucestershire GL52 8SF, United Kingdom, E-mail: aviation.fleetsupport@ge.com; Website: <https://www.geaviation.com/support>.

This is information only. Recommendations are not mandatory.



Appendix 1 – Affected Equipment

P/N	s/n
322MFD1-1(x)(y)	<p>SD0012, SD0130, SD0187, SD0204, SD0205, SD0221, SD0226, SD0227, SD0245, SD0289, SD0309, SD0323, SD0326, SD0369, SD0400, SD0450, SD0469, SD0471, SD0477, SD0478, SD0479, SD0490, SD0511, SD0558, SD0588, SD0589, SD0648, SD0649, SD0652, SD0665, SD0666, SD0688, SD0705, SD0728, SD0825, SD0858, SD0926, SD0927, SD0948, SD0949, SD0952, SD0984, SD1010, SD1104, SD1105, SD1107, SD1109, SD1154, SD1167, SD1169, SD1170, SD1302, SD1303, SD1317, SD1351, SD1355, SD1367, SD1458, SD1475, SD1478, SD1480, SD1494, SD1497, SD1587, SD1624, SD1665, SD1718, SD1782, SD1785, SD1786, SD1789, SD1790, SD1791, SD1792, SD1793, SD1794, SD1821, SD1848, SD1849, SD1850, SD1851, SD1867, SD1868, SD1869, SD1870, SD1876, SD1877, SD1878, SD1879, SD1903, SD1904, SD1905, SD1912, SD1913, SD1914, SD1915, SD1962, SD2024, SD2025, SD2038, SD2039, SD2045, SD2143, SD2176, SD2177, SD2178, SD2179, SD2180, SD2181, SD2182, SD2192, SD2193, SD2194, SD2195, SD2222, SD2223, SD2224, SD2240, SD2241, SD2262, SD2263, SD2264, SD2265, SD2271, SD2272, SD2298, SD2299, SD2312, SD2313, SD2320, SD2321, SD2328, SD2332, SD2333, SD2334, SD2350, SD2355, SD2356, SD2357, SD2386, SD2387, SD2388, SD2389, SD2409, SD2410, SD2421, SD2422, SD2429, SD2430, SD2463, SD2464, SD2465, SD2466, SD2494, SD2495, SD2517, SD2538, SD2539, SD2540, SD2541, SD2542, SD2543, SD2616, SD2645, SD2646, SD2647, SD2648, SD2649, SD2650, SD2659, SD2660, SD2707, SD2708, SD2709, SD2710, SD2711, SD2759, SD2760, SD2761, SD2762, SD2763, SD2764, SD2765, SD2791, SD2792, SD2793, SD2798, SD8158, SD8159, SD8160, SD8161, SD8162, SD8163, SD8164, SD8189, SD8190, SD8191, SD8223, SD8224, SD8320, SD8321, SD8322, SD8323, SD8324, SD8333, SD8334, SD8335, SD8336, SD8337, SD8338, SD8339, SD8340, SD8341, SD8342, SD8346, SD8347, SD8355, SD8356, SD8363, SD8364, SD8365, SD8366, SD8378, SD8379, SD8380, SD8381, SD8390, SD8391, SD8392, SD8393, SD8401, SD8402, SD8403, SD8404, SD8405, SD8406, SD8418, SD8419</p> <p>ND6150, ND6264, ND6269, ND6272, ND6276, ND6530, ND6532, ND6718, ND6863, ND6864, ND6868, ND6972, ND7023, ND7052, ND7100, ND7148, ND7149, ND7151, ND7286, ND7293, ND7295, ND7448, ND7502, ND7574, ND7609, ND7610, ND7706, ND7740, ND7745, ND7746, ND7829, ND7951, ND7987, ND7991, ND7992, ND8022, ND8134, ND8144, ND8155, ND8178, ND8192, ND8423, ND8589, ND8590, ND8610, ND8776, ND8777, ND9034, ND9037</p>
333MFD1-1(x)(y)	ND6630, ND7061 and ND7131

Note: This SIB concerns only units referenced with these s/n; other units with the same P/N produced with original LCD panel are approved.

This is information only. Recommendations are not mandatory.

