



# Notification of a Proposal to issue an Airworthiness Directive

**PAD No.: 25-037**

**Issued: 27 February 2025**

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

**Design Approval Holder's Name:**

AIRBUS S.A.S.

**Type/Model designation(s):**

A330 aeroplanes

**Effective Date:** [TBD - standard: 14 days after AD issue date]

**TCDS Number(s):** EASA.A.004

**Foreign AD:** Not applicable

**Supersedure:** None

## ATA 53 – Fuselage – Central Windshield Frame – Inspection

**Manufacturer(s):**

Airbus, formerly Airbus Industrie

**Applicability:**

A330-201, A330-202, A330-203, A330-223, A330-223F, A330-243, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342, A330-343, A330-841 and A330-941 aeroplanes, manufacturer serial numbers (MSN) as listed in Appendix 1 of this AD.

**Definitions:**

For the purpose of this AD, the following definitions apply:

**Affected parts:** Central windshield frame having Part Number (P/N) F531-23012-200 or P/N F531-23011-200 (also identified as P/N F5312301220000 or P/N F5312301120000 respectively).

**The SB:** Airbus Service Bulletin (SB) A330-53-3325.

**Reason:**

An incorrect shot peening application has been implemented in production starting from 2008. Fatigue life of affected parts could consequently be lower than the certified value.



This condition, if not detected and corrected, could affect the structural integrity of the aeroplane.

To address this potential unsafe condition, Airbus issued the SB, identifying the MSN of the aeroplanes having an affected part installed, and providing inspection instructions.

For the reason described above, this AD requires repetitive special detailed inspections (SDI) of affected parts and, depending on findings, corrective action(s).

#### **Required Action(s) and Compliance Time(s):**

Required as indicated by this AD, unless the actions required by this AD have been already accomplished:

#### **Repetitive Inspections:**

- (1) Before exceeding 27 490 flight cycles (FC) since first flight of the aeroplane, and, thereafter, at intervals not to exceed 27 490 FC, inspect the affected parts in accordance with the instructions of the SB.

#### **Corrective Action(s):**

- (2) If, during any inspection as required by paragraph (1) of this AD, any crack is found on an affected part, before next flight, contact Airbus for repair instructions and, within the compliance time specified in those instructions, accomplish those instructions accordingly.

#### **Terminating Action:**

- (3) Corrective action(s) accomplished on an aeroplane, as required by paragraph (2) of this AD, do not constitute terminating action for the repetitive inspections as required by paragraph (1) of this AD for that aeroplane, unless specified otherwise in Airbus repair instructions.

#### **Ref. Publications:**

Airbus SB A330-53-3325 original issue dated 13 February 2025.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

#### **Remarks:**

1. This Proposed AD will be closed for consultation on 27 March 2025.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this PAD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.



4. For any question concerning the technical content of the requirements in this PAD, please contact: AIRBUS – 1IAL (Airworthiness Office), E-mail: [airworthiness.A330-A340@airbus.com](mailto:airworthiness.A330-A340@airbus.com).



## Appendix 1 – Affected MSNs

1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1103  
 1104, 1105, 1106, 1107, 1108, 1110, 1112, 1114, 1115, 1116, 1118  
 1120, 1123, 1124, 1126, 1127, 1130, 1131, 1132, 1133, 1135, 1136  
 1137, 1138, 1141, 1143, 1145, 1146, 1147, 1148, 1149, 1150, 1151  
 1153, 1155, 1156, 1157, 1159, 1160, 1161, 1163, 1164, 1165, 1167  
 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1177, 1178, 1180  
 1181, 1183, 1184, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193  
 1195, 1196, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206  
 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218  
 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229  
 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240  
 1241, 1243, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1254  
 1255, 1256, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266  
 1267, 1268, 1269, 1270, 1271, 1272, 1274, 1275, 1276, 1277, 1278  
 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289  
 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300  
 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311  
 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322  
 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333  
 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344  
 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355  
 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366  
 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377  
 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388  
 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399  
 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410  
 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421  
 1422, 1423, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433  
 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444  
 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455  
 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466  
 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477  
 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488  
 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499  
 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510  
 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521  
 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533  
 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544  
 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555  
 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566  
 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577  
 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588  
 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599  
 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610  
 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621



1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632  
1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643  
1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1653, 1654, 1655  
1656, 1657, 1658, 1659, 1660, 1662, 1663, 1664, 1665, 1666, 1667  
1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678  
1679, 1680, 1681, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691  
1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1703  
1704, 1706, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716  
1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728  
1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739  
1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750  
1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761  
1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772  
1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783  
1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794  
1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806  
1807, 1808, 1809, 1810, 1811, 1812, 1814, 1815, 1816, 1817, 1818  
1819, 1820, 1821, 1822, 1823, 1825, 1826, 1827, 1828, 1829, 1830  
1831, 1832, 1833, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842  
1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1854  
1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865  
1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876  
1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887  
1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898  
1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909  
1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920  
1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1931, 1932  
1933, 1934, 1935, 1936, 1937, 1938, 1939, 1941, 1942, 1943, 1945  
1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1956, 1957  
1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968  
1969, 1970, 1971, 1972, 1973, 1975, 1976, 1977, 1978, 1979, 1981  
1982, 1983, 1984, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993  
1994, 1995, 1996, 1997, 1998

