

**State of Israel
Ministry of Transport
Civil Aviation Authority**

AD ISR-I-24-2021-6-6R1

Date: June 27, 2021

AIRWORTHINESS DIRECTIVE

This Airworthiness Directive, issued by the Civil Aviation Authority in accordance with the Israeli Aviation Regulations, applies to an aircraft for which our records list you as the registered owner. It affects aviation safety and requires your immediate attention. No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with that Directive.

APPLIES TO: 767-300BDSF special freighter conversions per CAAI STC SA218 / FAA STC ST02040SE/ EASA STC 10028430, certificated in any category (as listed in Appendix 1).

SUBJECT: Inspection of the wiring connection common to C9066 circuit breaker, correction of the possible faulty connection and subsequent test of the MAIN DECK OXYGEN ALERT SYSTEM.

REASON: During an IAI design review it was identified that the "Main Deck Oxygen Alert Control" circuit breaker connection on the electrical diagram is erroneous and could have been connected in an improper way. At panel P11- 3 the wire W0040-9003-20 should be connected to circuit breaker C9066 Terminal 1 and not to Terminal 2.
Improper connection of the "Main Deck Oxygen Alert Control" circuit breaker may cause the discrepant wire to overheat and burn down without protection of a circuit breaker. Possible failure conditions as a result of a burnt wire are:

- 1 .Smoke that would result as the consequence of the above condition may trigger the alarm and cause a crew workload increase due to alarm investigation / handling.
- 2 .Burnt wire can short circuit adjacent wires and cause malfunctions in other systems.

ACTION: **Implementation of the inspection and corrective actions.**
Within 10 days of issuance of this AD, incorporate inspection task and corrective actions presented in IAI SB 368-24- 098 "MAIN DECK CARGO OXYGENALERT CONTROL - POWER SUPPLY"_Rev.1 dated June 23, 2021. This service bulletin provides instructions for a visual inspection of the wiring connection common to C9066 circuit breaker, correction of the possible faulty connection and subsequent test of the MAIN DECK OXYGEN ALERT SYSTEM.

COMPLIANCE: Compliance within 10 days from the effective date of this AD.

EFFECTIVE DATE: July 01, 2021

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APPENDIX 1 _ ISR-I-24-2021-6-6 dated June 24, 2021

State of Israel
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AD Effectivity_ _767-300BDSF special freighter conversions per CAAI STC SA218 / FAA STC ST02040SE/EASA STC 10028430

MSN 24086 IAI effectivity SF1-1	MSN 26234 IAI effectivity SF1-56
MSN 24035 IAI effectivity SF1-69	MSN 26236 IAI effectivity SF1-54
MSN 24036 IAI effectivity SF1-31	MSN 26238 IAI effectivity SF1-66
MSN 24083 IAI effectivity SF1-81	MSN 26257 IAI effectivity SF1-13
MSN 24146 IAI effectivity SF1-5	MSN 26263 IAI effectivity SF1-15
MSN 24316 IAI effectivity SF1-8	MSN 26264 IAI effectivity SF1-36
MSN 24317 IAI effectivity SF1-6	MSN 26328 IAI effectivity SF1-51
MSN 24318 IAI effectivity SF1-59	MSN 26544 IAI effectivity SF1-3
MSN 24358 IAI effectivity SF1-2	MSN 26912 IAI effectivity SF1-65
MSN 24407 IAI effectivity SF1-7	MSN 26913 IAI effectivity SF1-64
MSN 24531 IAI effectivity SF1-10	MSN 26915 IAI effectivity SF1-63
MSN 24729 IAI effectivity SF1-4	MSN 26995 IAI effectivity SF1-48
MSN 24752 IAI effectivity SF1-22	MSN 26996 IAI effectivity SF1-82
MSN 24753 IAI effectivity SF1-23	MSN 27059 IAI effectivity SF1-88
MSN 24853 IAI effectivity SF1-9	MSN 27060 IAI effectivity SF1-35
MSN 24875 IAI effectivity SF1-32	MSN 27135 IAI effectivity SF1-14
MSN 24929 IAI effectivity SF1-21	MSN 27184 IAI effectivity SF1-43
MSN 24930 IAI effectivity SF1-24	MSN 27205 IAI effectivity SF1-52
MSN 24983 IAI effectivity SF1-72	MSN 27212 IAI effectivity SF1-11
MSN 24985 IAI effectivity SF1-75	MSN 27310 IAI effectivity SF1-26
MSN 25195 IAI effectivity SF1-41	MSN 27448 IAI effectivity SF1-90
MSN 25196 IAI effectivity SF1-62	MSN 27611 IAI effectivity SF1-17
MSN 25197 IAI effectivity SF1-38	MSN 27686 IAI effectivity SF1-70
MSN 25198 IAI effectivity SF1-37	MSN 27918 IAI effectivity SF1-12
MSN 25199 IAI effectivity SF1-50	MSN 27959 IAI effectivity SF1-53
MSN 25200 IAI effectivity SF1-49	MSN 28039 IAI effectivity SF1-71
MSN 25201 IAI effectivity SF1-46	MSN 28040 IAI effectivity SF1-29
MSN 25202 IAI effectivity SF1-45	MSN 28041 IAI effectivity SF1-68
MSN 25274 IAI effectivity SF1-86	MSN 28495 IAI effectivity SF1-58
MSN 25316 IAI effectivity SF1-25	MSN 28725 IAI effectivity SF1-20
MSN 25445 IAI effectivity SF1-47	MSN 28865 IAI effectivity SF1-61
MSN 25446 IAI effectivity SF1-44	MSN 28884 IAI effectivity SF1-39
MSN 25447 IAI effectivity SF1-40	MSN 29227 IAI effectivity SF1-83
MSN 25448 IAI effectivity SF1-78	MSN 29228 IAI effectivity SF1-73
MSN 25449 IAI effectivity SF1-67	MSN 29229 IAI effectivity SF1-74
MSN 25450 IAI effectivity SF1-77	MSN 29429 IAI effectivity SF1-84
MSN 25451 IAI effectivity SF1-42	MSN 29431 IAI effectivity SF1-80
MSN 25575 IAI effectivity SF1-19	MSN 29432 IAI effectivity SF1-79
MSN 25576 IAI effectivity SF1-87	MSN 30107 IAI effectivity SF1-28
MSN 25577 IAI effectivity SF1-18	MSN 30109 IAI effectivity SF1-27
MSN 26206 IAI effectivity SF1-34	MSN 30111 IAI effectivity SF1-33
MSN 26207 IAI effectivity SF1-16	MSN 33086 IAI effectivity SF1-93
MSN 26208 IAI effectivity SF1-60	MSN 33087 IAI effectivity SF1-76
MSN 26233 IAI effectivity SF1-55	