

INTRODUCTION

This Electrical Load Analysis has been prepared as a supplement to the aircraft's (Boeing 737NG Series) Electrical Load Analysis in accordance with Federal Aviation Administration (FAA) Federal Aviation Regulation 14 CFR 25.1351. Prior to incorporating this modification, a review and analysis of the aircraft's electrical power distribution system must be accomplished to ensure compliance. The current aircraft electrical load analysis should be updated to include the changes shown in this document.

This report is a summary of the added electrical loads resulting from the post-factory installation of two (2) Active Noise Reduction (ANR) Aviation Headsets with an XLR style jack at the Captain's and First Officer's position. This Analysis will only address the aircraft buses that are affected by this installation. The aircraft Electrical Load Analysis must be updated at the time of installation to reflect these changes.

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