

PMA Approved

## Upgraded DC-9 Landing Gear Conduit

CIA&D (Co-Operative Industries Aerospace & Defense) Part Number 301496-04000

**Introducing a newly designed conduit assembly that offers longer life, improved durability and reduced operator down-time.**

### The Problem: Premature Conduit Failures

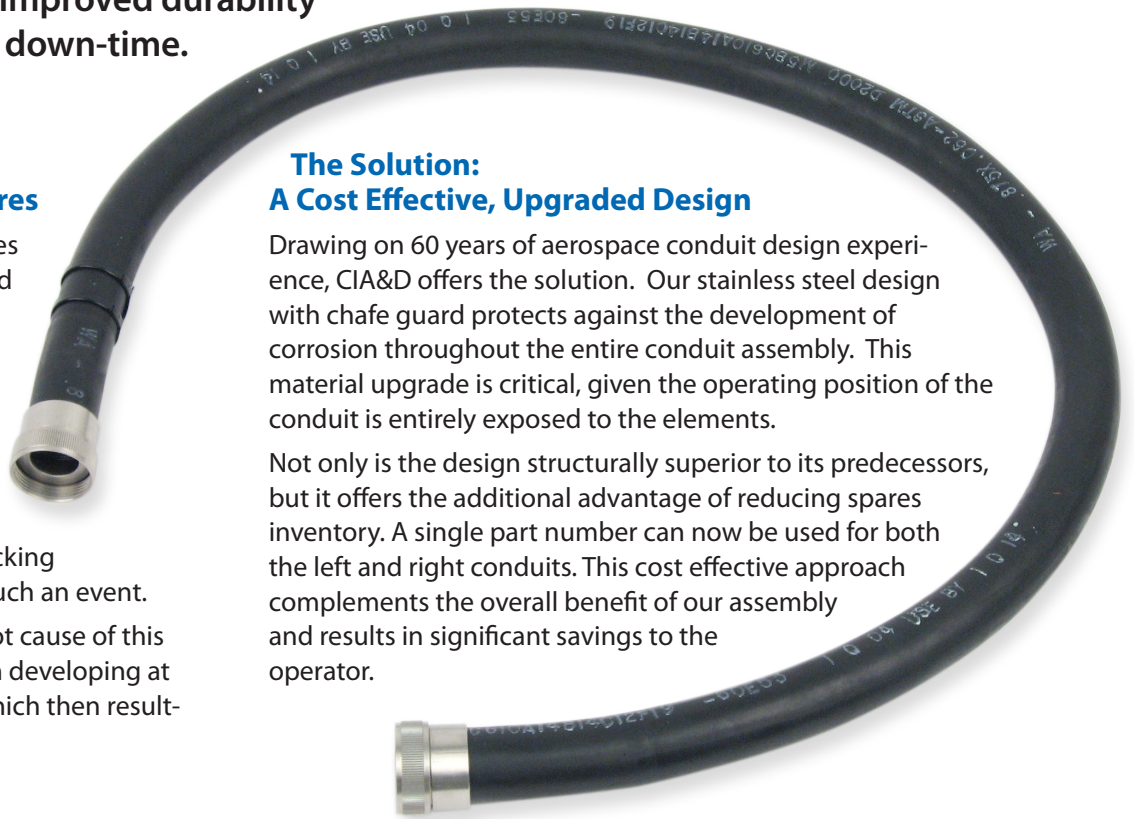
Operators flying the DC-9 series aircraft are continually plagued by the premature failure of the "main landing gear strut conduit". This results in unscheduled maintenance having to be performed on the aircraft, along with all of the logistical headaches involved in procuring and stocking additional spares to react to such an event.

It was determined that the root cause of this recurring failure was corrosion developing at the coupling nut assembly, which then resulted in conduit failure.

### The Solution: A Cost Effective, Upgraded Design

Drawing on 60 years of aerospace conduit design experience, CIA&D offers the solution. Our stainless steel design with chafe guard protects against the development of corrosion throughout the entire conduit assembly. This material upgrade is critical, given the operating position of the conduit is entirely exposed to the elements.

Not only is the design structurally superior to its predecessors, but it offers the additional advantage of reducing spares inventory. A single part number can now be used for both the left and right conduits. This cost effective approach complements the overall benefit of our assembly and results in significant savings to the operator.



### Advantages

- Simplified Inventory. A single assembly replaces both the left and right side conduits that were previously required.
- Longer Life. Our environmentally protective design aids in resisting corrosion and other damaging effects.
- FAA Approved PMA part

### Interchangeability

CIA&D's P/N 301496-04000 is interchangeable with:

- P/N 7915797-637 (left)
- P/N 7915797-640 (right)
- P/N 95200-637 (left)
- P/N 95200-640 (right)

### Contact Us

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