Product Brief

P-3 Air Turbine Starter (ATS) Upgrade

Honeywell

Development based on upgrade program for U.S. Navy ATS P/N 383650-1-1/-1-2 to increase reliability.

Drop-in replacement for Honeywell ATS and all Parker P/Ns:

36E79-10A, NSN 2995-00-868-8838
36E79-12A, NSN 2995-00-933-7254
36E79-120B, NSN 2995-00-111-3651
36E79-6A, NSN 2995-00-053-4505

Reliability and Performance Enhancements

» Has the same major components as the existing ATS P/N 383650-1-1/-1-2

» Upgraded bearings and seals are incorporated into P/N 383650-1-1/-1-2 to enhance reliability and extend MTBR

» Upgraded bearings and seals are available in an O/H and Repair Kit P/N 658336-2, designed for field installation to upgrade Model ATS100-294, P/N 383650-1-1/-1-2 to P/N 383650-2

» Starter designed for field installation to upgrade Model ATS100-294, P/N 383650-1-1/-1-2 to P/N 383650-2

» Complete Air Turbine Starters (MODEL ATS100-294, P/N 383650-2) are available for purchase to replace installed HONEYWELL or PARKER ATS

Critical Issues

» Low MTBF
» Bearing failures
» Low Reliability

Features and Benefits

» Increased load capacity with thirteen (13) balls, vs. ten (10)

» Incorporation of bearing material upgrade from 52100 to M50

» Incorporation of Graphite Filled Teflon seal to further reduce wear from exit glass filled Teflon Lip Seal

» Improvement confirmed by USAF and Canadian Forces with similar C-130 ATS equipment, with an average MTBF of 2178 hours

Kellstrom Defense
15501 SW 29th St.
Suite 101
Miramar, FL 33027
Phone: 954.538.2000
www.kellstromdefense.com
sales@kellstromdefense.com