

T-56 Engine Starter with Quick Attach-Detach (QAD) Adapter

Honeywell



Honeywell's latest design PN 3505786-1 (2015) replaces all previous part numbers from all OEMs on T-56 powered aircraft. It comes with QAD adapter flange and clamp and enables the customer to upgrade starter and QAD configuration simultaneously. This is a USAF Fleet Standard product approved for installation under Lockheed SB 82-762.

QAD Configuration Improvements

- Steel gear carrier
- Third generation improved shaft seal
- Tungsten carbide coated springs
- One piece output shaft
- Dipstick for oil level measuring
- Improved housing
- Improved turbine seal
- Improved turbine bearings
- Improved output shaft bearings
- 75% reduction in installation/removal time (8 hours to 2 hours)

Critical Issues

All previous starters manufactured by various OEMs present reliability, maintainability, and sustainment issues including:

- » Over-speed
- » Shroud joint fatigue
- » Thin outlet wall
- » Bearing failure
- » Low MTBF

We stock for immediate delivery.

Fleet retrofit and exchange programs available.

Credit for cores turned in depending on part numbers.

P/N: 3505786-1, ATS 100-497

NSN: 2995-01-493-4166

Features and Benefits

- » Reduced maintenance costs
- » Drop-in replacement; one bolt for removal installation of starter
- » No aircraft modifications required
- » Remove and replace task goes from 8 MH to 2 MH
- » Increased reliability
- » Increased MTBUR
- » Reduced cost of ownership
- » Reduced repair costs
- » Longer on-wing service life
- » Compatible with all T-56 configurations
- » Same fit, form and function as any existing starter
- » Warranted for 3 years/3000 hours



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