

# TFE731-3-1C TO -3D-1C ENGINE UPGRADE

## Falcon 50

### Creating A New Standard With TFE731 Engine Upgrade Programs

StandardAero presents an innovative alternative for TFE731 operators with its engine upgrade programs. Upgrading TFE731-3-1C to -3D-1C engines provides you with the benefits of Honeywell's latest technology. With improved compressor efficiency and a cooler running hot section, these upgrades lower cost of ownership and provide a higher aircraft resale value.

### TFE731-3-1C To -3D-1C Upgrade Features

- *Increased Durability, Reliability And Performance Retention*
- *Increased Takeoff, Climb And Cruise Internal Turbine Temperature (ITT) Margin*
- *Reduced Cost Of Ownership*
- *Available For MSP And Non-MSP Operators*
- *Can Be Performed At CZI Or MPI*
- *Upgraded To MSP Standard List Of Service Bulletins*
- *Enhances Aircraft Value*

### Cost Of Ownership

- *MSP Enrollment Available At No Cost*
- *Reduced MSP Hourly Rate*
- *Enhanced Aircraft Value*
- *Fresh CZI Signoff*
- *Zero Time Turbine Disks And Blades*
- *Reduced Turbine Life Cycle Cost*



### ENGINE COMPARISON CHART

	731-3	731-3D
Climb Temperature Limit (Cert.)	885	910
Cruise Temperature Limit (Cert.)	849	885
HPT Disk Life (Cycles)	7000	10000
LPT1 & 2 Disk Life (Cycles)	3000	3500
LPT3 Disk Life (Cycles)	3000	7000
Engine Weight Increase (lbs.)	0	11 (est.)
MPI Interval (Hours)	1400	2100

### Engine Upgrade Sales Contact:

Eric Thompson, Program Director – Engines Business Aviation  
Tel: +1.480.377.3153  
eric.thompson@standardaero.com



[www.standardaero.com](http://www.standardaero.com)

© Copyright StandardAero 2010. All Rights Reserved.