

# TFE731-3 TO -3C ENGINE UPGRADE

## Learjet 55 And Astra

### 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 to -3C 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 To -3C Upgrade Features

- Increased Durability, Reliability And Performance Retention
- Increased Takeoff, Climb And Cruise Internal Turbine Temperature (ITT) Limits
- 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 HP Turbine Disks And Blades
- Reduced Turbine Life Cycle Cost
- MPI Interval Extension To 2100 Hours



### ENGINE COMPARISON CHART

	731-3	731-3C
Takeoff Temperature Limit (Cert.)	907	910
Climb Temperature Limit (Cert.)	885	910
Cruise Temperature Limit (Cert.)	865	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	5-11 (est.)
MPI Interval (Hours)	1400	2100

### Learjet 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.