

DUNCAN INTELLIGENCE

Dedicated to "Perfecting the Craft" • Edited by Skip Laney • Fall '98

New Structures Team

Throughout the year, Duncan Aviation's Lincoln facility has been significantly increasing its structures repair area. With eight official members on its "Structures Team," Duncan can perform unlimited repairs on virtually all business class aircraft.

For additional information, please contact Skip Laney in Lincoln at 800.228.4277.

Do You Have An MPI Due In 1999?

Duncan Aviation will give away coupons worth \$4,000 at the NBAA this year to six operators who have a TFE 731 engine with an MPI coming due between now and the end of 1999. The coupons will be redeemable at either the Lincoln or Battle Creek locations. For MSP or JSSI customers, the coupon can be used for work performed in conjunction with an MPI. (One registration per event is allowed.)

To register for the drawing, stop by Duncan's booth #7564 during the NBAA or call your Service Marketing Rep, Jon Dodson or Cecil Sloan at 1.800.228.4277. You do not need to be present at the NBAA to win.

Changing Owners

During the month of August, 28 Learjets changed ownership.

TFE731-2 To -2C Engine Upgrades Available

AlliedSignal has announced that the -2C engine upgrade program is now available for Learjet 31/35/36 operators. The upgrade, which includes the new NI Digital Electronic Engine Control (NI DEEC), has received a supplemental type certificate (STC) for Learjet 31/35/36 models.

Similar to the -3C/-3D upgrade programs, the -2C upgrade incorporates more robust components from higher thrust versions of the TFE73 1 engine family, thereby increasing ITT limits and extending maintenance intervals. The upgrade also includes the new NI DEEC for improved reliability, simplified power management and built-in Engine Condition Trend Monitoring (ECTM).

Operational benefits include an ITT increase on Takeoff from 860° to 879°C, on Climb from 832° to 866°C and on Cruise from 793° to 827°C. The -2C also has a new fan speed schedule actively managed by the NI DEEC allowing pilots to advance the thrust levers fully forward on takeoff without concern of exceeding maximum engine parameters.

For more info, please contact Skip Laney, Cecil Sloan or Jon Dodson in Lincoln at 800.228.4277 or Dan Arrick in Battle Creek at 800.525.2376.

Save Money! Monitor Your Starter

Learjet 30 & 50 series operators can save money if the operation of your engine starter 71B1-23A is monitored. If engine starts take too long and your engine spool up is a slow process, the starter may be damaged. To prevent further damage and added repairs, the starter should be removed and checked.

These starters have a tendency to arc between the brushes and the armature commutator, causing a reduced conductive path for the high amperage required to start the engine. If detected early, the armature commutator can be reconditioned and the brushes resanded to the commutator thus restoring the conductive path from the brushes to the armature commutator. If the problem is not caught early enough, damage will occur to the armature that will require rewinding or replacement of the armature.

For more info, please contact Chris Gress in Lincoln at 800.228.4277 or Pete Kilmartin in Battle Creek at 800.525.2376.

AVPAC Has Increased Its Lear Rotables Inventory

AVPAC has greatly expanded its Learjet rotables inventory.

Contact any AVPAC parts expert via the ILS, Internet at www.avpac.com, or call us at 800.228.1836.

For Lear technical info, we have the experts. Our Lear Team consists of tech reps and technicians with experience in airframe/engine, interior/exterior completions, avionics installations, component repair and parts.

In Lincoln, contact **Skip Laney** at 402.4752611 or 800.228.4277

In Battle Creek, contact **Pete Kilmartin** at 616.969.8400 or 800.525.2376

Stop At Duncan's NBAA Booth # 7564 Oct. 19-21 in Las Vegas.

DUNCAN AVIATION

