

DUNCAN INTELLIGENCE

Dedicated to "Perfecting the Craft" • Edited by Ron Grose • Winter '99

Did You Clean Your Hydraulic Filter Or Replace It?

Operators should ask their service facility whether they clean the hydraulic cleanable filters or whether they replace them with new ones. For years many service facilities could not meet Falcon requirements for cleaning and flow testing hydraulic filters. Replacing the filters with new ones was a common practice.

Duncan can meet the requirements of the component maintenance manuals for cleaning and flow checking these hydraulic filters. While performing an inspection, instead of replacing the filters with new ones, check into sending filters in to be cleaned and flow checked. It is also possible to establish a rotatable pool of filters, sending filters to be cleaned and tested, and then putting them in an inventory for future use. Cleaning filters saves a lot of money, as well as being more convenient.

For more information, please contact Jeff Manion in Lincoln at 1.800.228.4277, or Roger Courey in Battle Creek at 1.800.525.2376.

8.33 Com Radio Modifications Are Here!

On October 7, 1999, all flights above FL245 in Austria, Belgium, Germany, Luxembourg, Switzerland, the United Kingdom and France (above FL195) will require radios operated between 118-136.975Mhz to be capable of channeling frequencies with 8.33Khz spacing to ease overcrowding of the Corn frequencies in congested areas. The aircraft must be equipped with two 8.33 Corn radios to meet this requirement.

Rockwell Collins has recently released a service bulletin to upgrade the VHF-21/22/422 Corn Radios to include the European-mandated 8.33 frequencies. Modifications to the Collins CTL-22, RTU-4210/4220 and the Gables G6860 Controllers are also available.

For more information, please contact Dave Pleskac, Ron Hall or Gary Harpster in Lincoln at 1.800.228.4277, or Bob Stickler or Dennis DeCook in Battle Creek at 1.800.525.2376.

Falcon 50 & Falcon 900 Airbrake Hinge Wear

As Falcon 50s and 900s age, Duncan is seeing more and more wear in the airbrake hinges during routine inspections. Most of the wear is found in the center and outboard airbrake panel hinges but has also been found in the inboard panel hinges. Maximum wear is .27 mm's (.011"). To prolong the life of these hinges, we recommend lubrication at regular intervals.

For more information, please contact Jeff Manion in Lincoln at 1.800.228.4277, or Roger Courey in Battle Creek at 1.800.525.2376.

Inspection Revisions

Several revisions have come out recently that will affect the downtime and pricing for upcoming inspections. Please be aware that any quotes are to be written including the latest Chapter 5 revisions, particularly on the Falcon 10 aircraft. New additions to the maintenance schedule consisting of the following items are now applicable to those aircraft scheduling for 3C and C Airframe Inspections:

- . 55.11.00 Inspection/check of horizontal stabilizer box structure.
- . 55.31.00 Inspection/check of vertical stabilizer box structure and fin stub.
- . 57.10.05 X-ray Inspection of wing root reinforcing plate (for aircraft < 142)

For more information, please contact Jeff Manion in Lincoln at 1.800.228.4277, or Roger Courey in Battle Creek at 1.800.525.2376.

Plan In Advance To Eliminate Additional Downtime

Tank and recess corrosion continue to plague many operators performing pre-buys and 2C inspections. Additional time allowances need to be considered when scheduling your pre-buy or major inspection since corrosion may be found.

For more info, please contact Jeff Manion in LNK at 1.800.228.4277, or Roger Courey in BTL at 1.800.525.2376.

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

In Lincoln, NE, contact **Jeff Manion** at
402.475.2611 or 800.228.4277

In Battle Creek, MI, contact **Roger Courey** at
616.969.8400 or 800.525.2376

Look up our new home page for components at: www.duncancomponents.com

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