

DHC-3 OTTER
PART 3 - RECOMMENDED SUPPLEMENTAL INSPECTION AND
CORROSION CONTROL PROGRAM

| DESCRIPTION OF AIRCRAFT AREA: 27 – FLIGHT CONTROLS | | | | | | |
|---|--|-----------------------------|------------------------|----------------|-------------------|---|
| INSPECTION TASK | DESCRIPTION | AIRCRAFT EFFECTIVITY | INSPECTION TYPE | R YEARS | RE-PROTECT | NOTES |
| C27-40-01 | Stabilizer (trim) actuator jack mounting block | All | DVI | 4 | YES | Can be coordinated with C27-40-02 |
| C27-40-02 | Stabilizer (trim) actuator jack | All | DVI | 4 | YES LUBRICATE | Can be coordinated with C27-40-01 |
| C27-40-03 | Stabilizer actuator cable assemblies | All | DVI | 4 | CRES: NONE | Can be coordinated with C27-40-01/ C27-40-02 |
| C27-50-01 | Flap bellcrank, in-wing | All | DVI | 1 | YES | |
| C27-50-02 | Flap bellcrank, fuselage | All | DVI | 1 | YES | |
| C27-50-03 | Flap control rods, in-wing | All | DVI | 1 | YES | |
| C27-50-04 | Flap push rods, inboard and outboard | All | DVI | 1 | YES | |
| C27-50-05 | Trailing flap connecting rod | All | DVI | 1 | YES | |
| C27-50-06 | Flap hinge arm support fitting | All | DVI | 1 | YES LUBRICATE | |

DHC-3 OTTER

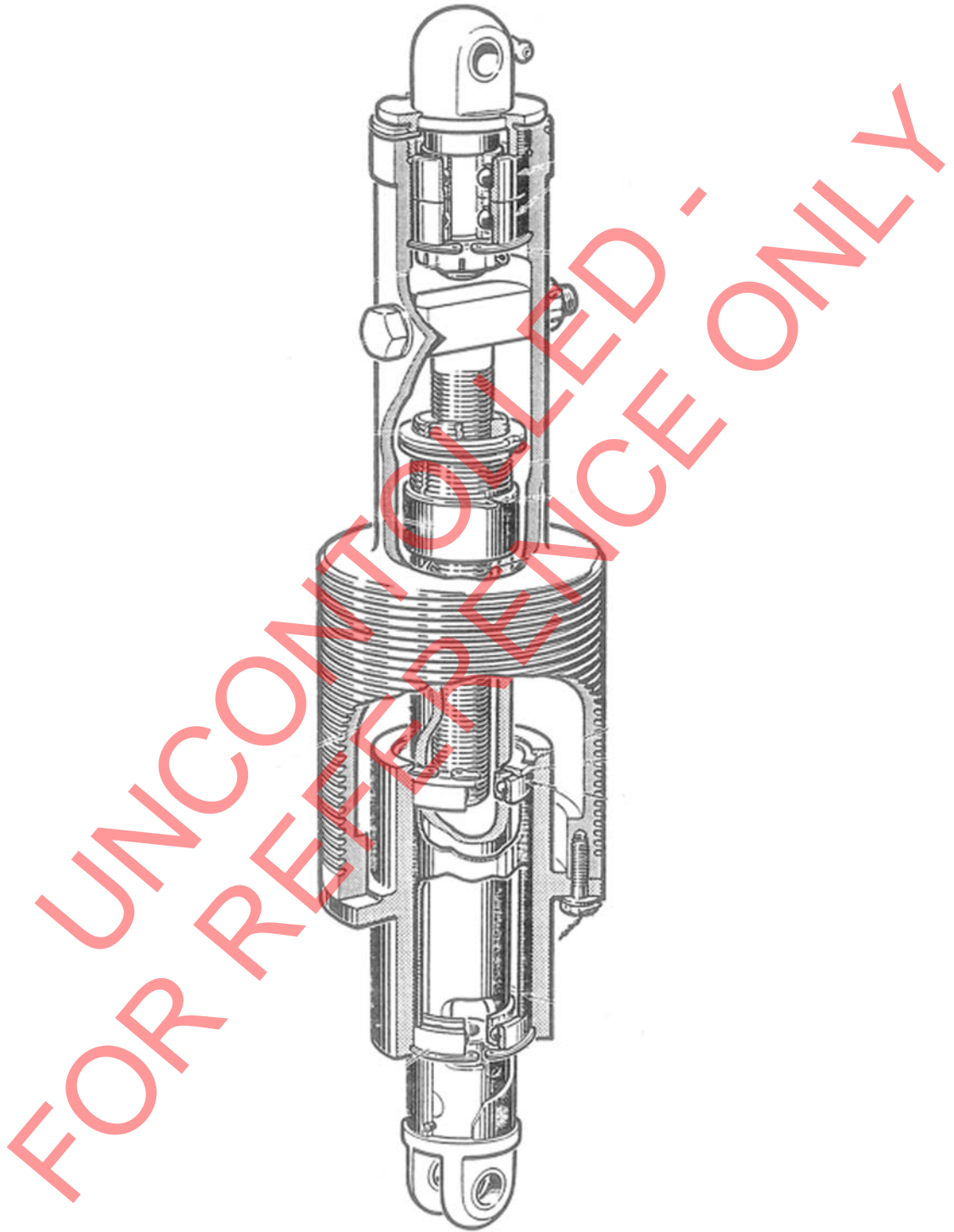
PART 2 - SPECIFIC SUPPLEMENTAL AND CORROSION INSPECTIONS

| | |
|---|---|
| ITEM: | C27-40-02 Stabilizer (Trim) Actuator Jack |
| ATA CHAPTER: | 27 – Flight Controls |
| MANUAL REF: | PSM 1-3-2, Part 2, Flight Controls, Fig. 2-18 PSM 1-3-4, Fuselage Group, Fig. 44 |
| EFFECTIVITY: | All |
| REF DOCUMENTS: | Nil |
| ACCESS: | Support stabilizer. Remove actuator jack, disassemble and clean as per PSM 1-3-2, Part 2, Paragraphs 2.27.1 and 2.27.2. |
| INSPECTION METHOD: | Detailed Visual Inspection (DVI) - Clean, inspect, and check backlash as per PSM 1-3-2, Part 2, Paragraph 2.27.2. |
| INSPECTION OBJECTIVE: | <ol style="list-style-type: none">1) Cable grooves for pitting, fretting corrosion, wear.2) Bearings for corrosion, loss of free movement.3) Internal surfaces for corrosion, pitting, cracking, wear, scoring.4) Corrosion and damage under accumulated debris, salts and other residues.5) Lugs for wear, pitting, cracking. |
| RETREATMENT: (in absence of corrosion) | RE-PROTECT external surfaces as per Part 1, Paragraph 7.B. Lubricate on re-assembly as per PSM 1-3-2, Part 1, Fig. 1-14 and and Part 2, Paragraph 2.27.3. Pack housing with grease. |
| NOTES AND SPECIAL INSTRUCTIONS: | <ol style="list-style-type: none">1) Pack housing with grease to help keep moisture and debris out of housing.2) Re-assemble as per PSM 1-3-2, Paragraph 2.27.3.3) The self-locking nuts shall only be tightened snug against the fork-lug fitting on the actuator jack upper and lower hinge points.4) Can be coordinated with C27-40-01. |

UNCONTROLLED
FOR REVISION ONLY

DHC-3 OTTER

PART 2 - SPECIFIC SUPPLEMENTAL AND CORROSION INSPECTIONS



C27-40-02

Stabilizer (Trim) Actuator Jack