

3. Attachment angles examined for cracks and elongated holes.
4. Outer aileron hinge brackets, port and starboard, repaired in accordance with NWI Sketch SK-131.  
(This drawing was approved by Douglas)
5. Flaps inspected and repaired where required, new leathers fitted.
6. Hydraulic flap actuating cylinder dismantled, overhauled, reassembled and tested.
7. All flying control systems in wings inspected.
8. Landing lights inspected.

C. UNDERCARRIAGE

1. Both undercarriages removed from aircraft, disassembled and cleaned.
2. All parts inspected, magnaflux and/or Zyglo tested for cracks.
3. All bushings and bolts checked for wear in accordance with Douglas tolerance chart. New bolts and bushings fitted where required.
4. Tires checked and assembled on wheel by Edmonton Tire.
5. Brake shoes cleaned. Brake drums polished.
6. Wheel hubs Zyglo tested for cracks, primed and painted.
7. Brake Hydraulic operating cylinders overhauled.
8. Shock Strut dismantled, overhauled, reassembled and tested.
9. Undercarriage retracting jacks dismantled, overhauled reassembled and tested.
10. Brake Assembly tested for operation and dummy drum.
11. Tail wheel and strut assembly removed from aircraft disassembled and cleaned.
12. Tail wheel shock strut, dismantled, overhauled reassembled and tested.
13. Tail wheel hub Zyglo tested for cracks.
14. Tail wheel tire and tube inspected and assembled on wheel by Edmonton Tire.
15. Main undercarriage bungees renewed..

D. EMPENNAGE

1. Rudder and elevators removed and inspected.
2. Fairings removed. Horizontal stabilizer attachments checked.
3. Control surface attachment points checked.
4. Vertical stabilizer attachment points checked.
5. Douglas Service Bulletin #234 incorporated on elevator trim tab horns (steel horns fitted).

E. FUEL SYSTEM

1. Fuel tanks removed, cleaned and inspected.
2. All fuel tanks tested for leaks under  $3\frac{1}{2}$  psi air pressure.
3. Tank bays inspected. Straps and packings renewed where necessary.
4. Fuel supply valves removed, cleaned, inspected painted and replaced.
5. Fuel wobble pumps removed, cleaned inspected, painted and replaced.
6. Fuel pressure transmitters checked.
8. Screens removed, cleaned, inspected, painted and replaced.
9. Primer pumps removed. New pumps fitted.
10. Fuel pipe lines removed, inspected, and replaced with new where required.
11. Oil dilution solenoids and valves removed, checked, cleaned and replaced.