



## PART NUMBER EXPLANATION

### OVERHAUL (OHC) CYLINDER

## CL04.0CA / CLCP04.0CA / CL04.0SA

- **CL – CLASS or CLASSIFICATION** – aircraft cylinders are often identified by their class (See Cylinder: Product Support: LYCOMING CROSS REFERENCE LIST & CONTINENTAL CROSS REFERENCE LIST). This classification of cylinders serves as a tool to further identify the unique feature of a cylinder.
- **CP – CHROME PLATE** – aircraft cylinders undergoing overhaul will often require barrel restoration. Chrome plate is alternative to Nickel. The addition of the “CP” to part number allows the distinction between cylinders overhauled with Nickel and Chrome. Most all cylinders overhauled by J & J Air Parts; Inc. are nickel plated (ie. CL04.0CA)
- **04.0** – this number is unique to its assigned engine model(s). This is important in that although cylinder manufacturers change new cylinder part numbers which can make ordering parts challenging. This unique class number is associated with the engine model which will not change and therefore will serve to guide you to ordering the correct OVERHAUL CYLINDER or new cylinder. The assigned numbers range from 01.0 to 77.0 (See Cylinder: Product Support: LYCOMING CROSS REFERENCE LIST & CONTINENTAL CROSS REFERENCE LIST).
- **CA – COMPLETE ASSEMBLY (KITS)**- a aircraft cylinder that has been overhauled and assembled. Valves are hand lapped. Rings are fitted, gapped and installed. No further assembly required (exception: Piston Pins and Rocker Assembly are not included)
- **SA – STUD ASSEMBLY**- a aircraft cylinder that has been overhauled (bare cylinder or no “moving” parts included)



## Other helpful terms/information

- **Overhaul (OHC):** The disassembly, cleaning, inspection, necessary replacement or repair of parts, reassembly, adjustment, and testing of an item or equipment in accordance with recommended procedures.
- **J & J Cylinder Overhaul:** Clean, Inspected, Weld (if required), Barrel Restoration (Hone, Nickel, Chrome or Oversize), new guides, new seats, new exhaust studs, new rocker shaft bushing (if required), and painted.
- **Yellow Tag: Tagging,** especially "yellow tag," is a term used in US aviation to indicate a part is serviceable and airworthy as evaluated by an FAA certified repair station.
  - A yellow tag is included with every cylinder overhauled by J & J Air Parts, Inc.
- **Form 8130-3:** FAA Form 8130-3, Airworthiness Approval **Tag**, identifies a part or group of parts for export approval and conformity determination from production approval holders. ... It is used to approve or certify that new and used parts meet conformity requirements from the "Original" Airworthiness side of the FAA.
  - A form 8130-3 can be provided upon request.
- **Warranty:** an aircraft cylinder overhauled by J & J Air Parts; Inc. is warrantied for 1 year 100%.  
(For more information see Services: Overhauled Cylinder Warranty Policy)