Aviator Breathing Oxygen (ABO) Testing
MEETS ALL MIL-PRF-27210-J SPECS FOR TYPE I & II CLASSES

BACKGROUND

- **Type I Analysis Program** involves the testing of compressed gaseous ABO contained in high pressure cylinders. The analysis program can involve either direct sampling from the original cylinders or after transfill into smaller 1L O₂ cleaned, dual-valved sampling cylinders. These cylinders must be “HAZMAT” shipped*. If air transport is selected for your ABO samples, a special outer shipping case (ex. “supercase” meeting ATA-300 Cat 1 DOT31FP/HM244B specifications) is required.

- **Type II Analysis Program** involves the testing of liquefied ABO that is directly sampled with special, O₂ cleaned cup-in-body (CIB) type sample cylinders (ex. Cosmodyne® type). These cylinders must be “HAZMAT” shipped* using a special CIB outer case. If air transport is required, these CIB cases must also be contained within an appropriate outer “supercase.”

  *Your shipping staff member must be properly HAZMAT shipping certified for the desired ground or air transport service. A proper, HAZMAT-certified courier must be employed.

BENEFITS

- Airborne Labs Int’l (ALI) is an experienced, ISO-17025 accredited laboratory that routinely performs ABO testing (see our website for typical Type I & II Analysis CoA Reports)
- **Standard Service** Turn-Around Time is only 3 - 5 working days
- **Emergency Same Day, 1-Day, 2-Day, Weekend, and Holiday Service Options are also offered**

  **ALI offers (for rental or purchase):**
  - DOT-rated, O₂ cleaned, dual-valved,1L SS Sampling Cylinders & appropriate, O₂ cleaned, DOT-rated, flexible transfill tubing & connective hardware
  - ATA-300 Supercases for 1 or 2 x 1L sampling cylinders up to 6 x 1L sampling cylinders
  - CIB-type Cylinders & Shipping Cases for Type II sampling applications
  - ATA-300 Supercases for CIB type cylinders
  - SS Cryogenic Liquid Sampling Hoses for Type II sampling applications
  - **ALI offers O₂ cleaning services for customer owned cylinders & sampling hardware**
  - **ALI offers customer cylinder & case repair plus re-hydrostatic testing services**
  - Pictorial Sampling Instructions are included with all of our ABO Rental Kits

If you have any ABO Testing Needs - We have a perfect solution for you.

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