

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



FACE SHIELD



CRYOGENIC SAFETY GLOVES



CRYOGENIC LIQUID SAMPLING HOSE

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



STAINLESS STEEL



VC-VERSIPAD



ATA APPROVED
SAMPLE CYLINDER
SUPERCASE



ATA APPROVED
CIB CYLINDER
SUPERCASE



CIB CYLINDER
SHIPPING CASE



CIB CRYO-SAMPLING
CYLINDER



Airborne Labs International

ISO / IEC 17025:2005 Accredited Laboratory

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