

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 cylinders (cleaned in accordance with CGA 4.1 paragraphs 8.1.2 & 8.1.5.). 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, (cleaned in accordance with CGA 4.1 paragraphs 8.1.2 & 8.1.5.) *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-17025:2017 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

1L SAMPLE CYLINDER



VC-VERSIPAD

CYLINDER STAND



ATA APPROVED
SAMPLE CYLINDER
SUPERCASE



ATA APPROVED
CIB CYLINDER
SUPERCASE



CIB CYLINDER
SHIPPING CASE



CIB CRYO-SAMPLING
CYLINDER



Airborne Labs International

ISO / IEC 17025:2017 Accredited Laboratory

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