

Last maintenance inspection e on Learjet cylinders

Crew Oxygen

- Oxygen cylinder #8: DOT-3AA-1800, serial number K915439 manufactured by Catalina Cylinder on 07/2007; stamped specification TC3ALM139

Answer: ICC HYDROSTATIC TEST OXIGEN CYLINDER WAS PERFORMED ON MAY 8, 2024

Fire Suppression

- Halon cylinder #1: DOT-4DS700, serial number B11510; cylinder was manufactured in 10-1976
Answer: ICC HYDROSTATIC TEST ENGINE FIRE EXTINGUISHER WAS PERFORMED ON NOV 17, 2021.

- Halon cylinder #2: DOT-4DS700, serial number B11510; cylinder was manufactured in 10-1976.
Answer: ICC HYDROSTATIC TEST ENGINE FIRE EXTINGUISHER WAS PERFORMED ON NOV 17, 2021.

- Halon cylinder #3: DOT approved Class 5-B:C liquefied gas type **hand-held** fire extinguisher, approval number 162.028 EX2993; Halon number H-01186282, Model C-352; manufactured by AMEREX Corp, Trussville, AL, in 2021
Answer: ICC HYDROSTATIC TEST OF PORTABLE HAND-HELD FIRE EXTINGUISHER WAS PERFORMED ON MAY 8, 2024.

Dear [REDACTED]
Senior Hazardous Materials Accident Investigator

I apologize for the late response. To this date we are still waiting on information from our service provider.

In regards to the Medical Oxygen Tanks Carried on-board we will like to inform you the following:

Unfortunately we are still waiting on the provider to provide us with the serial numbers of the tanks involved. They kept the records of the serial numbers and just provided us with invoices which I am attaching.

In Mexico this is mandated by Secretary del Trabajo y Prevision Social specifically by the norm NOM-020-STPS-2011.

And the NOM NMX-K-361-NORMEX-201 that regulates the purity of oxygen regulated by Sociedad Mexicana de Normalización y Certificación S.C.

1. Mandatory Hydrostatic Testing in Mexico:

Medical oxygen cylinders must undergo professional hydrostatic testing at regular intervals to ensure they can safely handle high pressure.

- Hydrostatic Test Interval: Most medical oxygen cylinders (steel or aluminum) must be retested every 5 years. Some, such as 3HT-rated cylinders, require testing every 3 years, while those with a 5-pointed star stamp may have a 10-year interval.
- Test Procedure: Hydrostatic testing involves filling the cylinder with water and applying pressure to ensure it can safely handle its maximum capacity.
- Validity Check: The test date is stamped on the cylinder; if the date is expired, the tank must be retested before it can be refilled.

Key aspects regarding hydrostatic testing:

Valve Integrity: The valve body, stem, and seals are checked for leakage and structural integrity during the pressurized test.

Leak Detection: Slow leaks often occur at valve threads or seals, making them a critical inspection point during the hold period of the test.

Removal for Inspection: In some cases, such as gas cylinders, the valve is removed to allow for internal inspection, and the threads of both the cylinder and the valve are inspected separately.

Markings: The test date is stamped or engraved on the tank's "shoulder." A five-pointed star next to the date may indicate a 10-year testing interval is permitted for that specific tank.

3. Professional Service & Maintenance

Med Jets SA de CV tanks are sent to service to our provider Infra SA de CV and SEISA whenever a tank was due for Hydrostatic test.

Unfortunately we are still waiting on the provider to provide us with the serial numbers of the tanks involved. They kept the records of the serial numbers and just provided us with invoices which I am attaching.

In your request we noticed there is a mistake on Oxygen cylinder #3: The number "DOT-3AL-2216" refers to an "M tank", serial number 1T038803, manufactured by Piper Metal Forming Corporation on 08/2022; the stamped specification "TC3ALM139" corresponds to an E Tank (medical oxygen service)

Please note that we only had 2 M tanks on board and the rest were E tanks. So this should be DOT-3AL-2015 not 2216.

Continuing with tank number 3 since it was manufactured on 2022 it was not due for testing.

Tank number 4 was also not due for testing since the manufactured date was 8/2020

Tank number 5 was also not due for testing since the manufactured date was 8/2022.

2. USER LEVEL TESTING According to our policy (see attached) the paramedic performs the following:

Before each use, paramedics perform the following checks to ensure the equipment is functioning correctly:

A. Leak Test: Open the cylinder valve with a wrench, then immediately turn it back off. Observe the pressure gauge needle for 10 minutes; if it drops, there is a leak. Leak Testing before use, ensure the regulator is secure. Open the cylinder valve (turn counter-clockwise) and listen for hissing, which indicates a leak.

B. Pressure Check: The regulator gauge is checked to ensure it is not in the red zone; a fully charged tank typically shows high pressure (e.g., 2000-2200 psi). Replace or refill the tank when the needle hits the red zone or drops below 200 PSI.

C. Flow Test: Ensure the flow regulator is working by placing the tip of the nasal cannula near your face.

D. Visual Inspection: Check for rust, dents, or grease. Never use oil or grease on oxygen equipment, as it can cause a fire or explosion.

E. Refill Requirements: If a cylinder is in use and reaches its retest date, it does not need to be removed from service immediately; it can be used until empty and then sent for testing.

I am attaching the pictures of the preflight check performed by the med crew, the audio of the preflight medical briefing and various company procedures that refer to the safe use and handling of oxygen. I am also attaching the invoices provided by the Service facility.

As these tanks were physically installed inside the aircraft, they were recharged via a reservoir tank, as shown in this photograph.



The date of the last inspection or manufacture is located on the neck of each tank, near the serial number. The inspections for both tanks were valid.

We had also just received EURAMI accreditation in January 2025, where cylinder inspection dates were verified as part of the accreditation process.

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Fw: Last maintenance inspection e on Leerjet cylinders
Date: Monday, March 9, 2026 2:00:25 PM
Attachments: [image001.png](#)

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[REDACTED]

The team's response is as follows:

"While Med Jets maintains an inventory of life rafts and CO2 cylinders, Med Jets has no record of this life raft or CO2 cylinder. We believe an unidentified crewmember took the unauthorized steps of unilaterally installing this raft and cylinder without informing the company."

Kind regards,

[REDACTED] (pronounced Re-a)

Executive Assistant to the President/CEO

[REDACTED]

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On Tue, Feb 17, 2026 at 10:48 AM [REDACTED] >
wrote:

[REDACTED]