



Pilot is assured of more efficient use of fuel while helping to protect the environment.

memories being extensive, large numbers of aircraft can be monitored via the System for a number of reasons.

Universal System

Unlike previous ON BOARD systems, the ALDIS alternative provides a single, patented UNIVERSAL system for *all* aircraft to use. It may be located conveniently adjacent the take-off runway threshold. It may also be installed at airport gates and adapted for use with several different aircraft which may use the gate, or at heliports.

Contributing to the uniqueness of the ALDIS System is its ability to weigh different types of aircraft one after another in rapid succession, thereby avoiding adding any bottleneck in the take-off line-up. It may weigh the planes as for example when awaiting clearance for take-off.

The weigh gate installation may be favoured by some since it permits more time for the pilot to carry out fuel and other checks. Because of

today's technology, one could easily expect to obtain weigh accuracy in the area of 1/2 of 1% using such an installation, a percentage well in excess of stated requirements.

Environmental Advantages

Being a GROUND BASED system, the environment of the weighing apparatus may be carefully monitored and controlled. For example, heating elements for snow-free controlled temperature operation of the apparatus may be installed.

Other environmental factors include the taking into account of wind, temperature and humidity conditions when weighing the aircraft. Accordingly, it is an ALL WEATHER aircraft weighing system.

And an extremely key factor to consider is that it works to provide more efficient use of fuel with all its implications while, at the same time, helping to conserve fossil fuels and protecting the environment.

Airport Advantages

Not only can the ALDIS System be quickly installed, but it also provides a permanent confirmed weight and balance record of an airport's take-off, and landing if necessary, business for whatever future need.

These are but some of the advantages that convinced Aéroport de Montréal (ADM) in the Summer of 1994 to consider installing a prototype multi-aircraft weight and balance ALDIS System.

ADM manages Dorval, the city's main airport for domestic and transborder flights, as well as Mirabel, specializing in international air passenger service and air cargo. Combined, in 1993, they served a total of 8.2 million passengers, recorded almost 240,000 aircraft movements and handled some 143,000 metric tonnes of cargo.

Full testing of the System, in the aviation capital of the world, is scheduled to last for at least one year so as to cover the four seasons weather conditions in a city that is on the same latitude as Moscow in the Union of Soviet Republics.

A Vital Tool

At a time when deregulation of the civil aviation industry will have profound impact on its future into the next century, **ALDIS Technologies Inc.** is proud to contribute to increased safety in the skies. Through innovation, expertise, and a commitment to the future of all who fly.

We would like to think that Wilbur and Orville Wright would agree!